

SEQUENCE LISTING

jc530 U.S. PTO
09/252691
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<110> Keith G. Weinstock et al.

<120> NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROBACTER CLOACAE FOR DIAGNOSTICS AND THERAPEUTICS

<130> 107196.135

<160> 11324

<210> 1

<211> 432

<212> DNA

<213> Enterobacter cloacae

<400> 1

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ctgtggatgg	atcagggggt	ggtgtcgtgg	cttcgtcacg	tcttgctggc	gccgggaagc	360
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<213> Enterobacter cloacae

<220>

<221>unsure

<222>(217)

<220>

<221>unsure

<222>(218)

<400> 2

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agcagccaga	acaccagcag	agacacaaa	accaccgagg	cgacgccgat	ccagaaagac	180
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<211> 490

<212> DNA

<213> Enterobacter cloacae

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caccggggcg	gaggagaagg	cgaaaggcca	gaacctcgcg	ccgaaagcgg	agaagagcga	180
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ggcgggtcaaa	acgcgcggca	agatccagcg	gcagcagatc	caggacgggc	agaaagcggc	300

cagtcagggtg	aacgcgcagc	aggcgaacga	gatcggcctc	ggcaaaccgg	aagatttcac	360
acagattcat	caggccgcca	ggatcggcaa	gccgcacata	acctcgcca	cctttaacgt	420
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<210> 4
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gtgagcacc	tgaaagagct	ggcccggcgc	tggaaccgg	aaattttcga	cggcttcaca	180
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 <212> DNA
 <213> Enterobacter cloacae

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gtgcaccagt	ccgatgacca	gcttgcgctg	atggatgagt	ggaacgtgcg	taccataacc	240
ggcagcgggc	tggtggaacg	cgtgaaggcc	agcaccctgg	gcgaccgcga	agcggagctg	300
gcgacgcttg	aatttctgaa	gcagtgggtg	ccggcaggaa	aatcgccctat	ctgtggggcaa	360
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 <221> unsure
 <222> (41)

<220>
 <221> unsure

<222> (54)

<220>

<221>unsure

<222> (60)

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ccgtctggca	cgggtggcga	cgccatgagg	ctgagattct	ggagcaggcg	tatcgtaact	420
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gggtgttcgg	ctatccaaag	gaagcggcag	ctacgatcgc	cgtgaatacc	gtttatcaat	540
acctttccct	caaaccatg	ccggaaaaag	tcatttttgt	ctgtttcgat	gagcacaccg	600
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<211> 924

<212> DNA

<213> Enterobacter cloacae

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taccggtttg	ccctgcgtct	gctgatggca	ggttgctctg	cgttggtagt	gtggctcgcg	780
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<210> 9

<211> 1005

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222> (997)

<400> 9

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ccacaaggca	gaggctcaga	tttaacagcc	gctaattcaa	tccgttcaact	cgctaatact	420
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<211> 1170

<212> DNA

<213> Enterobacter cloacae

<400> 10

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<210> 11

<211> 756

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (672)

<400> 11

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 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(937)

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<210> 13
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 ggcgacgtgg agcgcgtgac gcttcttata aatggtggca gaaacgggct ggataaacgc 480
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<220>
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 <222>(97)

<220>
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<221>unsure
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<220>
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<222>(161)

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nggtccggca	ggccatggcg	180
gcgctacact	atgtgcccaa	ccgtggcgcg	cagcagctgg	ccgggaaacg	caccgcacg	240
ctggggctga	tgaccagcga	tctggcgcta	catgcgccgt	cgcaaatcgc	ctcagctgta	300
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<210> 15

<211> 342

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(40)

<400> 15

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ctgtatgcat	taaccatcgg	cccgctgacg	cagctctggt	tgccgtgggt	tcgccagaga	300
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<210> 16

<211> 1110

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(1022)

<400> 16

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ctgatctata	accactgttt	gaataaaaaa	aatctctctg	atTTTTTTTg	gaagtcacga	240
gtaacgttca	ataaaatact	ttcggactta	gaagaaaaag	aacttggttg	tgacacctatt	300
tatcaaaaaca	aaaatcatct	ttacacccgc	tgggatgttc	aaaaaataat	ggatgccctg	360
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atztatgaag	aaaattctga	gtataaaaaa	tatttagatt	caggattctc	tgaagaagaa	660
atcatcacta	atatgccttt	ttcaacgcac	ctgccaaaact	tggaacgtaat	aacggctttt	720
ccgacagatg	ctcgttttta	agataaatac	tggcaatggt	ctagagaaga	acgtacgtct	780
ttgttactac	gtttcaagga	agttatctta	ccggtactga	agcagaacta	tgatttgatt	840
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gggattcttg	tcgcagtgtc	accacgtgaa	tatgattacg	cctctactac	agacttcatg	960
cttacaataa	gtgaaagggt	taaacaatca	ccaagtaagg	gcgacaattt	aaaatggttc	1020
anagttcttg	ctgtcaatgt	aaatgacaaa	agtccatatg	aaagaatagt	tttgataaaa	1080
ttaatcaaaa	ctgttcaagg	acccttttga				1110

<210> 17

<211> 1056

<212> DNA

<213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(1030)

<400> 17
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 aaactgctgt ggggttggt ctgggccaat ctgatggcga tgctgattca gatgctctcc 120
 gcgaagctgg gtattgctac cggaaaaaac ctggcggagc aaatccgcga tcattatcca 180
 cgtccggcag tttggtttta ctgggttcag gcggaaatta tcgccatggc caccgatctc 240
 gccgagttta tcggggcggc gatcggtttt aagcttattc tgggcgtctc tctgcttcag 300
 ggggccgtgc tgaccggtat cgccactttc ctgattctga tgctccagcg gcgggggcaa 360
 aaaccgctgg agaaagtcac cgggtggcctg ctgctgttcg tcgctgccgc ctatatgttt 420
 gagctgattt tctcccagcc gaatctggcg cagctgacga aagggatggg gatcccgtcg 480
 ttaccacttt ctgaagcgtt ttttctggct gccggggtgc tggggggcgac cattatgccg 540
 cacgtcattt atctacactc ttcattaacc cagaatctgc atggcgggac gagtaaagag 600
 cgctactccg cctcgaaatg ggatgtggct atcgcgatga ccattgccgg atttgtgaat 660
 ctggcgatga tggccaccgc cgccgcccg cgttctgctga gtcattgccg tgccactatt 720
 gatcttgacc aggtttacct gacgtggag ccgttgcctga gtcattgccg tgccactatt 780
 tttggtttta gcctggttgc tgcgggcctt tcatctacgg ttgtggggac actggccggg 840
 cagtggttga tgcaggggtt cgtacgtttc catattccgc tgtgggttcg ccgctcggtc 900
 acaatgctgc cttcctttgt tgtgatcctg atggggctgg atccgaccg cattctggtg 960
 atgagtcagg tgctgctgag tttcgggatt gcgctggcgc tgggtgccgt gctgatattc 1020
 gacgtcatcn cgcccggaat ggaaggtagc gcgctc 1056

<210> 18
 <211> 1071
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(1061)

<400> 18
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 ggacttaatt ctattcgtct tttaggggat gaacttgttt caaggaggtt aaaaaaagcg 120
 ctgatcgta ctgaccgtgt tttggctgac acgggactgg ttaacaaact gacagatgag 180
 cttgaggcgc ataaaattag ttatgcaata tttgatgggt ttcaacctaa tccaacagag 240
 aaaaatattg atgacggttt agccttgctt gcaaaaagta atgctgattt tgtcatttcc 300
 tttggtgggg ggtcttctca cgatacagct aaaggtattg cattgggtggc cactaatggg 360
 gggcatattc gggattactc gaaaggtgtg catctgtcca aaaaaccaca attaccatta 420
 gttactgtaa atacgacagc gggtagcgca tcggaaatga ccgtatttgc aatcgtcact 480
 aaccaggaag atgaaactaa ataccgggtg gtggataagc actttacgcc tatcattgcg 540
 gttaacgatt ctgaacttat ggtagcaatg cctgcgttcc ttacggcaac tacaggtatg 600
 gatgccttaa ctcatgcaat tgaagcgtat gtatcaacag cagctacgcc tgttactgat 660
 gcttgtgcta tcaaagcaat tgaaattatt gtttaataat ttaaagacgt tgtagatgat 720
 ggcaaaaacc gcgaagcacg tgatgccatg caatatgggt aatatctggc tggaaatggc 780
 ttttcaaacg cgtctcttgg ttatgtccat tcaatggctc accagttagg tggcgtttat 840
 aatctgtctc acggtttgtg taatgcgatc ctgctgggtg aagtatcccg atttaatgcg 900
 aaaaaggttc ccgatcggtt tgttgaaatc gcccgggcaa tggggattga tgtctcaaca 960
 atgactcagg agcaggccat taattctgct atcgaagcaa ttgagatgtt gtcgcaaaaa 1020
 gtcggtacga atcaacgcct ggctgatcgt gcgtcacggt nttctccgta a 1071

<210> 19
 <211> 537
 <212> DNA
 <213> Enterobacter cloacae

<400> 19
 ggccctaagg atctgttccc ccaaaaatgc gatcgctgga tgatcgatgc cagcagcgtg 60

gtcattggtg	atgttcgcat	ggccgatgat	gtcagcatct	ggccactcgt	cgcgatccgg	120
ggcgatgtta	actatgttgc	aatcgggtgca	cgcaccaata	ttcaggacgg	cagcgtgctg	180
catgtgactc	ataagtcac	ttataaccct	gagggcaatc	cgctcatcat	tggggaagat	240
gttaccgtcg	gtcataaagt	aatgctccac	ggctgcacaa	tcggtaacag	ggttctcggt	300
gggatgggat	cgatttttgc	ggatggcgctc	atagtagaag	atgacgtaat	gattggcgca	360
ggaagcctag	ttccgcaaaa	caaacgcctg	gaaagtggct	atctctatct	aggcagtcgg	420
attaaacaga	tccgccccct	aaaggaggcg	gagatcgaag	gattgaaata	ctcagcgaac	480
aattacgtta	aatggaagaa	tgactatctg	gatcaggata	accagaccca	gccctga	537

<210> 20

<211> 199

<212> DNA

<213> Enterobacter cloacae

<400> 20

catctacgcc	tatgacatgt	tttatcaaaa	agggaaaacg	ccatttctga	cctggtgcca	60
acaacagggg	gcaaaacatg	tggtgatgg	tctgggcatg	ctggtggggc	aggcggctca	120
tgcggtgcta	ctctggcatg	gcgtgttacc	tgctgtagaa	ccggtgatcg	aaaagctgaa	180
aaaggaactg	atggtatga					199

<210> 21

<211> 357

<212> DNA

<213> Enterobacter cloacae

<400> 21

tggtctgggc	atgctggtgg	ggcaggcggc	tcatgcggtg	ctactctggc	atggcgtggt	60
acctgctgta	gaaccgggtga	tcgaaaagct	gaaaaaggaa	ctgatgggat	gaatcaggcg	120
attcattttc	ccgacagaga	aatctgggat	gaaaacaagc	aagcgggtg	tttcccgggtg	180
ctggtgcatg	gaatgcagct	cacctgtgcg	attaaagggg	agacgttgct	tcagcgcttt	240
ggtggttcag	atccggttagc	ggtcttttgt	gaaaatcgct	gggatctgga	agaggaagcc	300
agcgatttga	tccgcgtaca	gcaggaagac	gatcagggct	gggtctgggt	atcctga	357

<210> 22

<211> 198

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (142)

<400> 22

tccacgcatt	atgcgcagcg	aaaactgggg	ggacgggtggc	aactacggca	aaattttcta	60
tatctggtcg	cgatcttcgc	ccatattcat	aacctgtggt	cggtgaagat	tttatccctt	120
cagccggtca	tttacgccct	gntggccctg	gcccttttag	cgtggcggtta	caagaagttc	180
cgccagtggg	tgcgatag					198

<210> 23

<211> 522

<212> DNA

<213> Enterobacter cloacae

<400> 23

aagggtgaca	attgcgcttt	gagggatat	gttgtttttt	acccgaaaat	cgcaggagat	60
agcggcataa	tggtgataa	attccaaatt	ttagttttta	acggaccgaa	cctgaacatg	120
ctcggcaccc	gtgagccaga	gaagtacggc	acgctaacat	tgagcgaat	tgttaaccgt	180
ctgagtacgg	aagcagcgtc	gctgaatgtg	gatttgacc	attttcagtc	taacgcggag	240
tacgcaatca	tcgaccgtat	tcatcaggct	aaagacactg	tggaactatat	cctgatcaat	300
ccggcccgct	ttacgcacac	cagtgttgct	atacgcgacg	caactgctcg	ggtgagtatc	360
ccgtttatcg	agatccacct	gagtaacgtg	cacgcccag	agccgttccg	ccaccactcc	420

tacctgtcag	ataticgccgc	tggcgtgatt	tgtgggctgg	gtgcagacgg	ctattcatac	480
gctttacaga	cagcggtaaa	acgcttgtca	caatcacact	aa		522

<210> 24
 <211> 591
 <212> DNA
 <213> Enterobacter cloacae

<400> 24						
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cagccgttac	cggcacgcta	ttttcgaaca	gggggcaaca	tgaacttaag	acgactgaaa	120
tacttcgtaa	aaatcgtcga	tatcggcagc	ctgaccagg	cggctgaagt	gctgcatatc	180
gcgcagcctg	cgctgagcca	gcaggtcgcg	actctggaag	gcgaaatgga	ccagcaactg	240
ttgatccgca	ccaagcgcg	cgtaacgcct	accgaagcgg	gaaaaatttt	atatacccat	300
gccccgacga	tcctgcgtca	gtgtgaacaa	gcgcagctgg	ccgtgcacaa	tgtgggtcag	360
accctgagtg	gccatgtctc	tatcgggctg	gcgccgggaa	cgcccgcatc	gtcggtaacc	420
atgccgctgc	ttcaggcggt	gcgagcagag	ctaccggaag	tgctgggtta	tctgcatgag	480
aacagtgggt	ccgtgctcaa	tgacaaactg	ctcaacggtc	agctggatat	gggcggtgct	540
gtacgatcgc	tccccggttg	ccgggatcac	cagccagccg	ctgctgaatg	a	591

<210> 25
 <211> 240
 <212> DNA
 <213> Enterobacter cloacae

<400> 25						
cttatcgatc	agccccgtaaa	agtgaccacg	gagccggacg	gtagccggtg	ggtagagggt	60
cacgagccgc	tttcacgcaa	tcgcgcggaa	tttgaatcga	caaataaggt	gccgctgccc	120
atttcagccg	cacaaaggac	gcagctgata	agtgaagggg	cgggcgctga	actggaacgg	180
cggtcgggga	tgccggtgaa	gcttgctatg	actggtagcg	cttcgcttgc	cgggccttga	240

<210> 26
 <211> 342
 <212> DNA
 <213> Enterobacter cloacae

<400> 26						
ccatgccgct	gcttcaggcg	gtgcgagcag	agctaccgga	agtgtctggt	tatctgcatg	60
agaacagtgg	ttccgtgctc	aatgacaaac	tgctcaacgg	tcagctggat	atgggcggtg	120
ctgtacgatc	gctccccggt	tgccgggatc	accagccagc	cgctgctgaa	tgaagatctt	180
tatctggtcg	gtaccgctga	ttgccctggc	cagagcattg	atttaaccgc	tgtggcacag	240
atgaacctgt	ttcttgcgcg	cgactacagt	gccctgcgcc	ttcgctttga	cgaaaccccc	300
tcgctgcgcc	ctctgaacgc	gaataatttt	ctgttagaat	ga		342

<210> 27
 <211> 492
 <212> DNA
 <213> Enterobacter cloacae

<400> 27						
ccagtataca	ctccgctagc	gctacgtgac	tggttcaggg	ctgcgccccg	aaacccgcta	60
aaaccactgc	cgcgtctgcg	gcttgtccaa	caccgtgccg	accgggaaaa	gatttcccgt	120
ccgtcccggc	gttatcagga	ggccggattg	gcagacaaac	gcagcaaaat	gctcaccatg	180
tgggtgactg	aggacgagca	ccggcgtctg	ctggagcgct	gcgagggtaa	gcaactcgcg	240
gcctggatgc	ggcagacgtg	cctggacgag	aagcccgcac	gcgccggcaa	acttccgtcg	300
atctcgccgg	cgctgcttcg	tcagcttgcc	ggcatgggga	acaaccttaa	ccagattgcc	360
cgccaggtta	acgccgggtg	tggaagcgga	cacgaccgcg	tcagatttgt	cgccgcgctg	420
atggccatcg	atgccggact	cgagcgggtg	cggcatgccg	tactggaaaa	gggtgctgat	480
gatgatcggt	aa					492

<210> 28

<211> 696
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (418)

<400> 28
 tggccatcga tgccggactc gagcgggttc ggcattgccgt actggaaaag ggtgctgatg 60
 atgatcgtaa agtttcatcc tcggggggcg ggcggcgcg ggcggcgcg cgattatctg 120
 ctgggtaaaag atcgccagcg cgacggcgcc agcgttctgc aggggaagcc ggatgaagtc 180
 cgggagctta tcgacgcctc gccctacgcc aaaaagtaca cttccggcgt tctgtctttt 240
 gccgaacagg atttaccgcc cggccagcgc gaaaagctga tggcgagttt cgagcgggtt 300
 ctgatgcccc gactcgataa agaccagtac agcgtgctgt gggttgagca ccgggacaag 360
 gggcggctgg agctgaactt cctgatcccc aacacggagc ttctgaccgg caagcggnta 420
 cagccgtatt acgaccgcgc cgaccgtccg cgcattcgat cctggcagac catagtgaac 480
 ggcaggctgg ggctgcatga cccgaacgcg ccggagaacc ggcggtgct ggtctcgctt 540
 tccgcgctgc cggaagcgaa gcaggaagcc gccagggcga ttacgagcgg cctgcttgcc 600
 cttgcctcat ccggggagct gaaaacgcgt caggacgtca ctgaggcgct ggaaagcgca 660
 ggttttgagg tggtgcgcac cacacaaggc cgcattc 696

<210> 29
 <211> 1392
 <212> DNA
 <213> Enterobacter cloacae

<400> 29
 cggatggcag gtaacataga tatccccctt ataagggcgg acaagtgttt attttttccg 60
 actattaaca gagagaatat tatgagcgtt gtgcctgtag ccgacgtact ccagggccgt 120
 gtcgccgttg accaggaggt caccgtgcgc ggatgggtgc gtactcgccg agattctaaa 180
 gctggcatct ctttctctgc cgtctatgac ggttctgtct ttgatcctgt acaggccgtc 240
 attaataatt ctctgcccaa ttacaatgat gacgttctgc acctgacaac cggttgttcc 300
 gtgatcgtca ccggtgtagt ggtggcctct ccggggcagg gtcagagcta cgaaattcag 360
 gcgaccctcg tggaagtgac cggctgggtt gaagatccgg acacctaccg gatggctgca 420
 aagcgtcaca gcatcgaata tctgcgtgaa gttgcgcaac tgcgtccgcg caccaacctg 480
 attggtgcgg ttgcccgcgt gcgtcatacg ctggcgagcg cgtgcacatg cttctttgac 540
 gagcagggtt acttctgggt ttctactccg ctgatcacgg catccgatac cgaaggcgca 600
 ggtgaaatgt tccgcgtttc aacgttggat atggaaaacc tgccgcgtac gccggaagg 660
 aaagtggatt acgacaaaga cttcttttgt aaagaagcct tcctgacggt ttctggccag 720
 ctgaacggcg aaacctacgc ctgtgcaact tctaagatct ataccttcgg cccaaccttc 780
 cgtgcggaaa actccaacac cagccgtcac ctggcggaat tctggatgct ggagccggaa 840
 gtggcctttg ccgatctgaa tgacgtggct ggcctggcag aagcgatgct gaaatacgtg 900
 ttcaaaagcgg ttctcgaaga gcgcgcagac gacatgaaat tcttcgctga gcgtgtcgat 960
 aacgacgcca tcgcccgtct tgagcgcttc gtctccgcag acttcgcgca ggtggattac 1020
 accgacgcgg tcgctatcct ggaaaaatgc ggtgagaaat tcgaaaaccc ggtttactgg 1080
 ggtgtggatc tctctccga gcacgaacgt tatctggcag agaagcactt caaagcaccg 1140
 gttgtggtga aaaattatcc gaaagacatt aagcgcttct atatgcgcct taacgaagac 1200
 ggtaaaaaccg ttgcgcgat ggacgtgctg gcgcgggca tcggtgagat tatcggtggc 1260
 tcccagcgtg aagagcgact ggatgtgctg gacgcgcgta tgcaggagat ggggtctgaac 1320
 ccggcggact acagctggta tcgcgatctg tcttcaccta cgggagctgg caggatccgc 1380
 gcttacttaa cc 1392

<210> 30
 <211> 567
 <212> DNA
 <213> Enterobacter cloacae

<400> 30
 acgaccgtcc ttccagccgg ctttgggtgaa aacaatacaa tttcgggcct tttgttttta 60
 tgggttccga cccgtaaaac gaattttatt cacggggagc ctctccgagg cgttattacc 120

caatcagagg	attttagaat	ggctaagaaa	gtacaagcct	acgtcaagct	gcaggttgca	180
gcaggtatgg	cgaacccaag	tccaccagtt	gggccagctc	tgggtcagca	gggtgtgaac	240
atcatggaat	tctgtaaagc	gttcaacgcc	aaaactgaat	ccatggagaa	aggtctgcca	300
atcccagttg	taatcactgt	ttacgctgac	cgttctttca	ctttcgttac	caaaaccct	360
ccagcagcag	ttctgctgaa	gaaagcagcg	ggcatcaagt	ctggttccgg	taagccgaac	420
aaagacaaag	tgggtaaaaat	ttcccgcgct	cagttgcagg	aaatcgcgca	gaccaaagct	480
gccgacatga	ctggttccga	cattgaagcg	atgactcgct	ccatcgaagg	tactgcacgt	540
tccatggggc	tggtagtgga	ggactaa				567

<210> 31

<211> 708

<212> DNA

<213> Enterobacter cloacae

<400> 31

gaaatggcta	aactgaccaa	gcgcatgtcc	gtgatccgtg	acaaagttga	tgcgacccaa	60
cagtacgaca	tcaacgaagc	tatcgctctg	ctgaaagaac	tggctaccgc	taagttcgtt	120
gaaagcgttg	acgttgccgt	taacctgggc	atcgacgctc	gtaaatccga	tcagaacgtt	180
cgtggcgcaa	ctgtactgcc	acacggtact	ggccggtccg	tacgcgtaac	tgtatttgc	240
caaggtgcaa	acgctgaatc	tgctaaagct	gccggcgctg	aactggtagg	tatggaagat	300
ctggctgatc	agatcaagaa	aggcgaaatg	aactttgacg	ttgttattgc	ttctccagat	360
gcaatgcgcy	ttgttgcca	gctggggccag	gttctgggtc	cacgcggcct	gatgccaaac	420
ccgaaagtgg	gtactgtaac	ccctaacgtt	gctgaagcgg	ttaagaacgc	taaagcaggt	480
caggttcgtt	atcgtaacga	caaaaacggc	atcatccaca	ccaccatcgg	taaagtggac	540
tttgacgctg	acaaactgaa	agaaaacctg	gaagctctgc	tggttgcgct	gaaaaaagca	600
aaaccaactc	aggcgaaagg	cgtgtacatc	aagaaagtta	gcattctccac	caccatgggt	660
gcaggtgttg	cagttgacca	ggctggcctg	agcgcgtgctg	caaactaa		708

<210> 32

<211> 315

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (294)

<400> 32

agtgagttcc	ggaacatgag	ttccggcaaa	catccaggag	caaagctaata	ggctttaaat	60
cttcaagaca	aacaagcgat	tggtgctgaa	gtcagcgaag	tagccaaagg	cgcgctgtct	120
gcagtagttg	cggattcccg	tggcgttact	gtagacaaaa	tgactgaact	gcgtaaagca	180
ggtcgtgaag	ctggcgata	catgcgtgtt	gttcgtaaca	ccctgctgcg	tcgcgtagtt	240
gaaggtactc	agttcgagt	cctgaaagac	acgcttggtg	gtcttcacca	cagngcggcg	300
caaggaccag	caata					315

<210> 33

<211> 384

<212> DNA

<213> Enterobacter cloacae

<400> 33

cggagcacta	aaatgatcca	agaacagact	atgctgaacg	tcgccgacaa	ctccggtgca	60
cgtcgcgtaa	tgtgtatcaa	ggttctgggt	ggctcgcacc	gtcgcctacgc	aggcgtaggc	120
gacatcatca	agatcaccat	caaggaagca	attccacgtg	gtaaggtcaa	aaaaggtgat	180
gtgctgaagg	cggtagtgg	gcgcaccaag	aagggtgttc	gtcgcctga	cggttctgtc	240
attcgcttcg	atggtaatgc	atgcgttatt	ttaaacaata	acagcgagca	gcctatcggc	300
acgcgtatct	ttgggcccgt	aactcgtgaa	cttcgtactg	agaagttcat	gaaaattatc	360
tctctggcac	cagaagtact	ctaa				384

<210> 34

<211> 600

<212> DNA
<213> Enterobacter cloacae

<400> 34
cagcgaaact atcaagtaat ttggagtagt acgatggcga aactgcatga ttactacaaa 60
gacgaagtag ttaacaaact catgactgag tttaactaca attctgtcat gcaagtcctt 120
cgggtcgaga agatcaccct gaacatgggt gttggtgaag cgatcgctga caagaaactg 180
ctggataacg cagcagctga cctgacagca atctccggtc aaaaaccgct gatcaccaaa 240
gcacgcaaat ctgttgacag cttcaaaatc cgtcagggct atccgatcgg ctgtaaagta 300
actctgctg gcgaacgcat gtgggagttc cttgagcgcc tgatcactat tgctgttcca 360
cgtatccgtg acttccgtgg cttgtccgct aagtccttcg acggtcgtgg taactacagc 420
atgggtgtcc gtgagcagat catcttccca gaaatcgact acgataaagt cgaccgctg 480
cgtggtttgg atattaccat taccactact gggaaatctg atgaaaaagg ccgtgctctg 540
ctggctgcct ttgaattccc cggtccgcaa gttaaggtaa ggtttaccga aatggcttaa 600

<210> 35
<211> 357
<212> DNA
<213> Enterobacter cloacae

<400> 35
aaattatctc tctggcacca gaagtactct aaggagcgaa tcatggcagc gaaaatccgt 60
cgtgatgacg aagttatcgt gttaaccggt aaagataaag gtaaaccgcg taaagtaaaa 120
aatgttctgt cttccggcaa actcgctcgt gaaggtatca acctgggtta gaaacatcag 180
aagccggttc cggccctgaa ccaaccaggc ggcacgttg aaaaagaagc tgctattcag 240
gtttctaacg ttgcaatctt caatgcggct accggttaag ctgaccgtgt aggctttaga 300
ttcgaagacg gtaaaaaagt ccgtttcttc aagtctaaca gcgaaactat caagtaa 357

<210> 36
<211> 1055
<212> DNA
<213> Enterobacter cloacae

<220>
<221> unsure
<222> (832)

<400> 36
ttacgcttag ctttgggagg cgtaacgcat actgattcct tcttgacact gaaaataaaa 60
ggtgacatga ttgcgcgaat tttctccttc ctgtctcacc gttcgggtgag ggtatttgcg 120
cctatgaaaa ccatgaaaat tgcgctcagc cgcgagctgg tatccaaagt ttctacgcat 180
cgcgaaaagg ttatgctgga taacactgat ttaccgatg tggcggcagt cgtcattacg 240
gttggtgaaa gctacagcgg cattctcgcg ttgctgaagc gtacgggctt tcagctaccg 300
gtatttatgt tctcaacaga gccaggagag gtgccagagg gtgtcacggc gatcatctcg 360
ggtaaagcac aggaattgct ggaactggaa tctgccgcct gccggtatga agagaacctg 420
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gacttcttcg gtgaaaacgt gtttcgtgcc gatatgtgca atgccgacgt gaagctcgg 600
gatttgctga tccacgaagg ttctgccaag caccgcgaaa agttcgcggc gaaagtgttc 660
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aatgcgctgc tgactcgtgg cgatctggtg ctgttcgatc gtaacaacca caagtccaac 780
catcatgggg cgctgatcca ggccggggca acgcctgtct atcttgaggc ancccgtaat 840
ccgtttggtt ttatcggcgg gattgatgag cactgctttg atgaggcctg gctgcgggaa 900
ctgatccgtg acgtcgcgcc gcagaaagcc gccgaggcgc gcccgtttcc gtctggcgat 960
cattcagctc cgcacctacc tatggcacga atctacaacg cccggtcagg tgaatcgacc 1020
aatattcggg cacctttgcg actaacatcc ctctt 1055

<210> 37
<211> 531
<212> DNA
<213> Enterobacter cloacae

<400> 37

caggagttaa	acgtggtaat	tggacccttt	atcaatgcgg	gagccgtatt	gctgggcggt	60
gtacttgggg	cagtattaag	ccagcggttg	ccggagcgta	ttcgcgtctc	catgccctcc	120
atttttggcc	tggcgctcgtt	agggattggt	atccttttag	tggtgaaatg	cgccaacctg	180
ccggtgatgg	tactggcgac	gctgctcggc	gcgctgatcg	gcgaattttg	ctatctggaa	240
aagggcatca	atcacgcggt	aggcaaagcc	aaaaatctga	ttgcccgacc	gggcaaggcg	300
aagcacggca	cgcacgagtc	gtttattcag	aactacgttg	cgatcattat	tctgttctgc	360
gccagcgcca	cggggatatt	cggttcgatg	caggaaggga	tgaccggcga	tcccagcata	420
ttgattgcga	aagcgtttct	ggatttcttt	actgccacca	tctttgccac	caccctcggc	480
atcgccgtcg	ccgcgagtc	tcaccacggg	ccggaaggac	cgcgcgatgcg	c	531

<210> 38

<211> 516

<212> DNA

<213> Enterobacter cloacae

<400> 38

attattacga	gtatgcgctc	aaaccgtttt	gaggctttcg	ctatgctact	gtccctcccc	60
tttctgctga	tctattttgc	tttatcggcc	ttgcttggtc	gcaccgatat	tcgcacgggg	120
cttcttcccc	ataaatttct	ttgcccgctg	ctatggaccg	gcctgcttta	ccagctctgc	180
ctccatcctg	attttttgcc	gagcgcggtg	gtgggtgcga	tggcaggata	cgccggattc	240
gccgttatct	attggggata	tcggctcatc	tgccgacgtg	aaggatatggg	atatggcgac	300
ataaaatata	tggcgggcgt	gggggcatgg	catggctggt	gtgtactgcc	agtactggca	360
ctcgtagccg	cgtaaatggc	tctgctgtat	ctggttgctt	tctcgttggt	tactcctgat	420
aagcaggcat	taaaaaaccc	actgcctttt	gggccatttc	tggcggcagc	gggtttatgc	480
gttggctggg	aaagcctgat	taactttcca	ctttga			516

<210> 39

<211> 519

<212> DNA

<213> Enterobacter cloacae

<400> 39

cccgatattac	gcttcaatga	gtggaagcgg	agggactata	taatgaaagg	tgatgttaaa	60
atcataagtt	atctcaataa	attattggga	aatgagcttg	tcgcaatcaa	tcagtatttt	120
ctccatgcaa	gaatgttcaa	aaactgggga	ctgactcgcc	tcaacgatgt	tgaataccat	180
gagtcatttg	atgaaatgaa	acacgcccgt	aaatacattg	agcgtatttt	attcctcgaa	240
ggcatttccta	acctacagga	tctcggaaaa	ctgggcatcg	gagaagatgt	cgaagagatg	300
ctgcgttctg	atctccggct	ggagctggag	ggtgcaaaag	acctgcgtga	agccattgcc	360
tatgcggaca	gcgtacatga	ctacgtcagc	cgcgatatga	tgatccagat	cctggccgat	420
gaagaagggc	acatcgactg	gcttgagacc	gaactggatc	tcattagcaa	aattggccta	480
cagaactacc	ttcagttctca	gatcaaagtg	gaaagttaa			519

<210> 40

<211> 1173

<212> DNA

<213> Enterobacter cloacae

<400> 40

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ctgcccagcg	gtatggtcaa	tatcattggc	gtgggcagct	gcccctcccg	tggtatggat	180
aaagggtggg	taaacgacct	tgagtcgggtg	gtgaaatgcg	ttcagcgcg	catcgaccag	240
gctgaattga	tggcagattg	ccaaatttcc	tctgtctatc	tggccctttc	tggtaaagcat	300
atcagctgcc	agaatgaaat	cggtatgggtg	ccgatttccg	aagaagaagt	gacgcaggaa	360
gacgttgaga	acgttggtcca	cacggcgaaa	tccgtgcgtg	ttcgcgacga	gcaccgtgtg	420
ctgcatgtga	tcccgcagga	atacgcgac	gactaccagg	aaggcatcaa	gaatccgggtc	480
ggtctgtcgg	gcgtgcgtat	gcaggcaaaa	gtgcacctga	tcacatgtca	caacgatatg	540
gcgaagaaca	ttgtaaaagc	cggtgaacgt	tgtggcctga	aagttgacca	actcattttc	600
gccggacttg	ccgcgagcta	ttccgtgctg	accgaagacg	aacgtgaact	gggcgtctgt	660

gtggtcgata	ttggtggtgg	tacaatggac	atggctgtct	ataccggcgg	tgcgttacgc	720
cacaccaaag	tgatcccgtg	cgcagggaac	gtcgtgacca	gcgatattgc	ttacgctttt	780
ggtagccac	cgagcgatgc	agaggcgatt	aaagtgcgcc	atggttgcgc	gctgggctct	840
atcgtcggca	aagacgagag	cgttgaagtg	ccgagcgtag	gcggtcgacc	gccgcgcagc	900
ctgcaacgcc	agacgctggc	agaggtaatt	gagccgcgtt	ataccgagct	gctcaacctg	960
gtcaacgaag	agatttttga	gttacaggaa	cagcttcgcc	agcagggtgt	gaaacatcat	1020
ctcgcgcgcg	ggattgtatt	aaccggcggg	gcagcgcaaa	ttgaaggctt	tgcggcctgc	1080
gctcagcgcg	tgttccatac	gcaggtgcgt	atcggtgcgc	cgctgaatat	caccggttta	1140
acggatttct	taacgcgcgg	tggagtaaaa	cgt			1173

<210> 41

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 41

gcgcgccgtt	cctggcagtt	gaccttaacg	aatggcatca	agctcaacct	tggccgcggc	60
gatacaatga	aacgtctggc	gcgtttttgta	gaactttacc	cgtttttaca	gcagcaggcg	120
cagacggatg	gcaaacggat	aagctacgtt	gatttgcgct	atgactcagg	cgcagcagtc	180
ggttgggagc	cggctccggt	cgaggaacct	aatcagcaac	aaaatcaggc	acaggtacag	240
gcagaacaac	aatga					255

<210> 42

<211> 657

<212> DNA

<213> Enterobacter cloacae

<400> 42

atatacctgg	aggttttcat	ggctgtcgct	gccacaacac	gttcggtaat	gacgctgttt	60
tctggtccta	ctgacattta	tagccatcag	gttcgtatcg	tgctggccga	gaagggtgtc	120
agtttttgaga	tcgagcatgt	ggaaaaggat	aaccgcctc	aggatctgat	cgatctcaac	180
ccgagccaaa	gcgtaccgac	gctggtggat	cgcgagctga	ccctgtggga	atcccgtatc	240
attatggaat	acctggatga	gcgtttcccg	catccgcgc	tgatgcctgt	ttatcctgtt	300
gcgcgtgggtg	aaagccgcct	gtacatgcag	cgtatcgaga	aagactggta	ctcgtgatg	360
aacgttattg	tcaacggttc	ctcttctgaa	gcggatgctg	cacgtaaaca	gctgcgtgaa	420
gagctgctgg	cgattgcgcc	ggatttttgt	caaaagcctt	tcttcctgag	cgacgagttc	480
agcctggtag	attgctacct	ggctccgctg	ctgtggcgctc	tgccaaccct	gggcgtagag	540
ttcagcggtc	ctggcgcgaa	agagctgaaa	ggctacatga	ctcgcgtctt	tgaacgcgac	600
tctttcctgg	catccttaac	tgaaccggaa	cgtgaaatgc	gtctcggccg	aggctaa	657

<210> 43

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 43

aatgcgtctc	ggccgaggct	aatgactgtg	gaaatgtcac	aactttcacc	acgccgtccg	60
tatatgctgc	gcgcctttta	tgaatggctg	ctggataacc	agctcacgcc	gcacctggtt	120
gtggatgtga	cgttgccggg	cgtgctgggt	ccaatggaat	acgcgcgcga	cggacagtct	180
tcaccacgac	gctggcagga	tccacgctta	gcgcta			216

<210> 44

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 44

tatactgaaa	ttgctttcag	aaaaacatgc	attgaacctc	aaagtcgttg	tctttctaaca	60
cgcattaagg	gggttataat	ggaaaagaat	agtgaagtga	tccagaccca	tccgcttggt	120
ggctgggata	tcagcaccgt	agacagctac	gatgcgctga	tgctgcgttt	gcactaccag	180
accccaaatc	agctaaaccg	tgatgaagcg	gaagttggac	agacgctgtg	gcttacaaca	240

gacgtcgccc gtcagtttat ctctattttg gaagcaggca tcgcaaaaat agaatctggc 300
gactaccagg aaaatgagta taaacggcat taa 333

<210> 45
<211> 699
<212> DNA
<213> Enterobacter cloacae

<400> 45
caaaagcgta gtaaagagaa gcctatgaaa tacgatttga tcattatcgg aagcggctcc 60
gtaggatctg ccgccggta ttacgccacg caggcgggtc tgaatgtact gatgattgac 120
gcccacgtgc cccccactc tgaaggaaag catcacggcg ataccgtct gatacgtcac 180
gcttatggcg aaggtgagcg ctatgtaccg ctggtgcttc gggctcagac gctgtgggat 240
gagctggcgg ccctcaccga agaacgcatt tttgagcgca ccggggtcgt taacctgggg 300
ccagccagct ccacgtttct ggcgaccgtc gaggagagcg cgaaagccta ccgcctggac 360
gtcgagcgtc tggatgcgaa cggcatcatg gcgcgctggc cggaaatttc tgtccctgaa 420
gactacattg ggttgtttga agccaactct ggcgtactgc acagcgaaac ggccattaac 480
acctggattg atctcgccgc caaagcgggc tgcgcgcagt tgttcaactg tccggtcacg 540
ggcatcacc accatgcaga aggttcaacc gtcaccacct ctgaagggtga atataccgcc 600
acgcgtctgc tggtagtgcg gggaacgtgg gtgacgaaac tgctgccgga cctgcccac 660
cacccggtgc gaaaagtctt ctcttggggt ccagttctga 699

<210> 46
<211> 474
<212> DNA
<213> Enterobacter cloacae

<400> 46
caccttttcg acgtagccct aaaatttcgc gtcctcatat tgtatgaggt cgttttatta 60
cgtgtttacg aagcaaaagc taaaaccagg agctatttaa tggcaacagt taaccagctg 120
gtacgcaaac cacgtgcacg caaagttgca aaaagcaacg tgcctgcgct ggaagcctgc 180
ccgcagaaac gtggcgatg tactcgtgta tataccacca ctctaaaaa accaaactcc 240
gcactgcgta aagtatgccg tgtgcgtttg actaacggtt ttgaagtgc ttcctacatc 300
ggtagtgaa gtcacaacct tcaggagcac tccgtgatcc tgatccgtgg cggtcgtggt 360
aaagaccctc cgggtgttcg ttaccacacc gttcgtggtg cgctggactg ctcagggtgt 420
aaagaccgta agcaggctcg ctccaagtac ggcgtgaagc gtcctaaggc ttaa 474

<210> 47
<211> 411
<212> DNA
<213> Enterobacter cloacae

<400> 47
caacggagta atcccatgcc acgtcgctgc gtcattggtc agcgtaaaat tcttccagat 60
ccgaaattcg gatcagaact gctggcaaaa tttgtaaata tcctgatggt agatggtaaa 120
aaatctaccg cagaagcaat cgtatacagc gcgctggaga ccctggctca gcgttctggt 180
aaaaatgaac tggaaagcct cgaagtcgct ctcgacaacg tgcgcccgac tgtagaaatt 240
aagtctcgcc gcgttggtgg ttctacttat caggttccag ttgaagttcg tccggttcgt 300
cgtaatgctc tggcaatgcg ttggatcggt gaagctgctc gtaaacgcgg tgataaatcc 360
atggctctgc gtctggcgaa cgaactttct gatgctgcgg aaaacaaagg t 411

<210> 48
<211> 339
<212> DNA
<213> Enterobacter cloacae

<400> 48
acctttgttt tccgcagcat cagaaagttc gttcgccaga cgcagagcca tggattttatc 60
accgcgttta cgagcagctt caacgatcca acgcattgcc agagcattac gacgaaccgg 120
acgaacttca actggaacct gataagtaga accaccaacg cggcgagact taatttctac 180
agtcgggcgc acgttgctga gagcgacttc gaaggcttcc agttcatttt taccagaacg 240

ctgagccagg gtctccagcg cgctgtatac gattgcttct gcggtagatt ttttaccatc 300
taccatcagg atattttacaa attttgccag cagttctga 339

<210> 49
<211> 555
<212> DNA
<213> Enterobacter cloacae

<220>
<221> unsure
<222> (493)

<400> 49
aaactatacg cgaggggaagc atttatgcc a cggcgacaga tactgagcag tgaagagcag 60
gaacgcttac tggttatacc agatgatgaa attattctga cccgaatgtg ttttctgaac 120
gaaccggata ttgcgctcat taataagcac cgacggccag cgaatcgctt gggctttgct 180
gtattactct gttatctgcg tggacctgga tttattccgg acaaaagcag tgctcctcac 240
aatggcggtt tatccagggt tgcttcccg a ctgaaacttc agcctgattt atggccggaa 300
tatgcatcca gagagcaaac ccgctgggaa catctgaccg aactttatcg ctacctggaa 360
ctatccccgt tcagccggtc aatgcaaaaa gaatgtatcc gccatctgca accctatgcc 420
atgcgaactg acaaaagatt tatgctggcg ggaagaaatg ctcaccttgg ctacataaac 480
aataatgttt atnttcccct cctggttgaaa gtgattcaaa ccgacgcctt gccgaaatcc 540
ttcaccttcc gctaa 555

<210> 50
<211> 636
<212> DNA
<213> Enterobacter cloacae

<400> 50
tttcggacac acgttataat tcggacatcc atttcgtacg gaaagtttcc catgtcacgt 60
gtttttgcct actgcagggt ctcaactctg gaacagacca cagaaaacca gcgtcgtgaa 120
attgaagcgg cgggttttgc catcagatcc caacgactta ttgaggagca tatcagtggc 180
tcggttgctg ccagcgaacg ccccgattt atccggttgc tagatcgcat ggaaaatggg 240
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acagtagagc aactggcggc tttagatatt cgcgttcatt gtctcgcaact cggaggtggt 360
gacttgacca gtccggccgg aaaaatgact atgcaggtaa tttctgctgt agcggagttt 420
gagcgagatt tgctgcttga gcgaacgtat tcaggtattg cgagggcaaa agcggctgga 480
aaacgcttcg gtcgcccccc catcctgagc gaggaacaaa agcaaacagt gacagagcgc 540
ctaaatgctg gcatcagtat cagtgtctatt gcccggaat ttaataccac ccgccagatt 600
atccttcggg taaaggctgg attgctgcaa gagtga 636

<210> 51
<211> 402
<212> DNA
<213> Enterobacter cloacae

<400> 51
tcccccttcg cgggtcttcg gctctttggt gaaaagagcg atagcgttat ttgcgccac 60
tccaactgcg gcgcatgaa ggcgattgct gacaacgccg atctggagcc gatgccggcc 120
gtttcccaact ggctgcgcta ttctgatgcg gcaaaagcgg tggaggagaa gaaaacctgg 180
gataagccaa tcgataaagt gaatgcgatg gtgcaggaaa acgtctttgc gcagctgagc 240
aacatcaaga cccatccgtc ggtggcggtg ggcctgcgca acaatgccat tcgcctgcac 300
ggctgggtat atgacatcga aagcggcaaa atccttgccc tggacaagaa cactaaatcg 360
ttcgtgtcgt tgtcggaaaa cccggaagtc ttcttcgagt aa 402

<210> 52
<211> 909
<212> DNA
<213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(8)

<400> 52
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 aaaggcccgg atgggctgct tgaccgcacg tttgcgctga tgggtgaaaga gcttgagctg 180
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 gatgcctggt ttgaggatcg taaaaagcac ggctcctttca cctggggccga agcgaatctg 300
 aaagaagtgg agcgcaacaa gcgcgaaaaa cgcaccgttg cctggcgcta taccgtgctt 360
 cgtctgcatg aagtgggtaca ggccatcgct ccttcaacta atgagcatga cagagagcgg 420
 tttaaattccg ggctggagcg tgtgtttatc gataattatg ccgccattcc accgcagtct 480
 atccgcccgt tactggcgct gcgcgaggca gggatcatta gcgtgggtcg actcgggtgat 540
 gattacgata tggatatcgg cagcgatcag accgtcatca ccacggcaaa aaaaagttac 600
 cgcttcgacg tgtttatcga cgcgcgcgga caaaagccgc tcagaaacaa ggacattccc 660
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 gactatacgt tgctggcgcc ggcatactg cgggggcgta tcgcttttgg ggcgatcccc 780
 tggctgatgc acgatcatcc gtttgttcag ggtttgtctg agtgcgctga aattggtaaa 840
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 gatttttaa 909

<210> 53
 <211> 380
 <212> DNA
 <213> Enterobacter cloacae

<400> 53
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 cgctcagagt taatgcaacg tttaggcgag ttggggcaaac tgaccccccga gaccatgaaa 120
 ggctgtggtg ccctgggcaa cgcaggtaac aaaactgacc ttttgggcgc aaaagtgcgt 180
 gaactcattg ccctggcggt cgagtcaca acccgctgcg acggctgtat tgcttttcac 240
 gccgacgccg ctgtgaaagc cggtgcaacc gacgtgaaa ttgctgaagc gctgggcgtg 300
 gcgattaacc tcaacgctgg cgcggcggtc atttcattca gcccgcatct gtctacagcc 360
 cgggatgaag tagcggctcc 380

<210> 54
 <211> 357
 <212> DNA
 <213> Enterobacter cloacae

<400> 54
 ctcatgcgcg gtccggcggc tcccttggtg aaaactaccg gcatgagccc gactgaatac 60
 atcatgcagg cgctggctgg ctgttatacc gccaccctta ccatgatggc tgctgaaaaa 120
 gggatcgacc tggacgggat cgagctggat cttaatttcg atatcaacct caacggcttc 180
 cttgggctgg acagcaacgt gcgtaaagggt gcgaaatcta ttcgcgtcga tgttcacctt 240
 acgagcaata ccgccagtcg cgaggagtta gaagcgtgg tcagcgaaat gcaaaaagaat 300
 tcgccaatcc acgatactct ggctaataccg gttgaaatga ttacacgcct ggcgtga 357

<210> 55
 <211> 624
 <212> DNA
 <213> Enterobacter cloacae

<400> 55
 caacaatata atctatcaac tagtagatta tatggagtaa ttatgacaac catgacacgg 60
 gaacggctgc tcagcgaaagc agaacacctg atgcgcgaaa aagggtattc agcattcagc 120
 tatgctgatt tatcaaaaat agtgggtatc accaaggcca gtattcatca ccatttcccg 180
 accaaagata ttctgggtga gcaggtggta atacaggcgt tctctgatac acaacgcgta 240
 tttgagcaga tagaggcgac tgagaaaagc gcggagagaa gaattgcggc ttacatcgat 300
 atcttcgcgc aaagccataa agcttcgcta ctgccactgt gttgtgcgtt gtcagcagag 360

accgccaatc	tgcctcaggc	aattactgta	cagacatcac	tttatttoga	tatgcaaadc	420
gagtggctca	caaaaagtcgt	cagggcgggc	atggagtcag	gtgagttttc	atcccatgcc	480
gaaccatcag	atattgcttt	gatgatcatt	aatgtctgtg	aaggctcaag	cgtagtgggc	540
catgcaacgg	ccagaccgga	agtcttcgcc	aacagcctta	agtatataaa	actgcttctt	600
aatacccctc	attcaggaga	atga				624

<210> 56

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 56

tcgaggttgc	accgaagaat	cgctcccctt	gaagatcatg	ctatctctgc	cacttttaaaa	60
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gtgggtggtg	atttagttat	ttgtacgggt	atcgctcggtg	aggataactca	cgtaattacg	180
gcagagaaaa	ttcttatcgc	aacagggcgc	cgccctgtga	ctgaaaaact	gaatctggac	240
gctgtcaatg	tgtcggtcgg	tgcgcgtgga	caggtcattg	tcgataagca	tctaatagaca	300
tcgaatccac	ggatctgggc	tgcaggtgat	gttacagggtg	aagcacaatt	tgtttacgtc	360
gctgttgaac	aaggaagatt	agcggcaagc	aatgcacttg	ggggcgagct	ctcctctctg	420
gattacaatg	ccctcccctcg	ggttaccttc	acctcccctg	agttggcttc	tgtaggtttg	480
actccattgc	aagctgaaga	aagaggaatc	ccatatgaga	tccgagaact	ccctgtagct	540
tttgttttac	gtgctattgt	cagccgccat	agcgatggtt	taatcagact	ggtttctgat	600
agtcaaaccg	gaacgatttt	aggcgttcac	atggtcagtg	aatccgcagg	tgatgtgata	660
gcagctgcga	cctatattat	ttccgccaat	atgactgtgc	atcagtttagc	aaacatttgg	720
tcgcctgagt	ttaccatgac	ggagtcactg	aagaatgttg	caaaaacttc	ccctataact	780
aactga						786

<210> 57

<211> 249

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (75)

<400> 57

ggtcacatga	gccagcaatt	aacctttgcc	gacagtgagt	tttccagtaa	acgtcgcctg	60
acgaggaag	aaatnttctt	atcccggatg	gatactctgc	tgccgtggcc	tcaactgctg	120
ggcaacattg	aacctgtcta	tccaaaaaca	ggtaatggcc	gccgacctta	ttcgttgga	180
acaatgtccc	gtaatccctg	cctgcaactg	tggtacaacc	tcggtgatga	aacgatggaa	240
gacgcattg						249

<210> 58

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 58

agggagccat	ctatgaacag	tcttttaacg	ctggcgaagg	acttagagca	gaaatcgaaa	60
gcgagcagc	agactaccgg	cgagatgctg	aaagccgcac	tcagcgagca	cgagaagtct	120
gtcagagcgg	aactgagcga	aagcgagaag	agaatcagcg	ccgccatcct	cgaccacgac	180
cggaagctgt	cctcagccat	gagccagcgc	acgaaagggg	tgctgcgcac	ggtcagccag	240
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tggtggcagg	ggcagcagat	actcgagaac	tatacgacca	tccgggagca	gaagagcacg	360
caggccatgc	tgtcagagag	gaacagcggc	gtacagctct	cgacctgcgg	cgagcagaga	420
cgccgctgcg	tgagggtgaa	cccgggaagc	ggacagttcg	gagaggactc	gagctggatg	480
atactggcgg	ggaaatag					498

<210> 59

<211> 219

<212> DNA

<213> Enterobacter cloacae

<400> 59

cacatgacgg	agctggaaaa	acagttgctg	agcgcattag	agcagctaca	gcaggactac	60
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attcaacggg	agaacgcggc	gctgaacgag	cgcgtcacgg	tcttgagcag	gcagggtgcag	180
agtttgagcg	agcagctgcg	ccggttgctg	aaaggctga			219

<210> 60

<211> 861

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(16)

<400> 60

ccaacattgc	cgagcncgga	cggggggcgga	aacatccgac	tgaagggagc	catctatgaa	60
cagtcctttta	acgctggcga	aggacttaga	gcagaaatcg	aaagcgcagc	agcagactac	120
cggcgagatg	ctgaaaagccg	cattcagcga	gcacgagaag	tctgtcagag	cggaactgag	180
cgaaaagcgag	aagagaatca	gcgcccgcct	cctcgaccac	gaccggaagc	tgctctcagc	240
catgagccag	cgcacgaaaag	ggatgctgcg	catggtcagc	cagacgtggc	tgaccatcgt	300
tctggtctcc	gcgctgctga	tagcgtcgag	cgcgggcatt	ctgtggtggc	aggggcagca	360
gatactcgag	aactatacga	ccatccggga	gcagaagagc	acgcaggcca	tgctgtcaga	420
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gaaccccgaa	gcgggacagt	tcggagagga	ctcgagctgg	atgatactgg	cggggaaata	540
gcacatgacg	gagctggaaa	aacagttgct	gagcgcatta	gagcagctac	agcaggacta	600
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gagtttgagc	gagcagctgc	gccggttgct	gaaaggctga	acgcgataga	aactcaccgg	780
cagcaggagc	gggcggtgca	gcaccagaaa	gcgctggagc	tggaacgatc	gcagtggcag	840
catcatggtc	cttcgctatg	a				861

<210> 61

<211> 627

<212> DNA

<213> Enterobacter cloacae

<400> 61

tggcggcaat	ttttctcttt	ttgcttacga	ttcgttgaga	acccgaaaat	gttaaaaaaa	60
ctcttctttc	cgtttggtagc	actctttatg	ctcgccggct	gcgcgactcc	gccgacgacc	120
attgacgttt	caccaaaaaat	tacctgcct	cagcaggatc	caagcctgat	gggcgttacg	180
gtcagcatta	atggcgccga	tcagcgtcag	gaccaggcgc	tggcgaaagt	gactcgcgac	240
aaccagcagg	tcacgctgac	cgccctcccg	gacctgcgct	tcctgttgca	ggaagtgctg	300
gagaaacaga	tgacctcccg	cggtacatg	attggcccaa	gcggcgcggt	tgatctgcaa	360
atcatcgtga	acaacctgta	cgctgacgtc	tcccagggtg	acgttcgcta	caacattgcg	420
actaaagccg	atatcgccat	catcgctacc	gcgaagaacg	gcaacaaaaat	gaacaaaaac	480
taccgtgcga	gctattccgt	tgaaggcgca	ttccaggcct	ccaacaaaaa	tatcgctgac	540
gcggttaaca	gcgtgctgac	tgacaccatt	gccgacatgg	cacaggacac	cagcattcac	600
gacttcatca	agcagaacgc	ccgttaa				627

<210> 62

<211> 372

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(363)

<220>
 <221>unsure
 <222>(369)

<400> 62
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 ttccagcaac cgaaatcagc tattttgctg atccttggtt tcgcttccgg tttgccctt 120
 gcgctcacct ccggcacgtt acaggcgttg atgacggttg agaacatcga tcttaaaacc 180
 attggtttct tctcgctcgt cggccaggct tacgtcttta agttcctgtg gtcgccggtg 240
 atggatcgct ataccccacc gttcctcggg cgccgtcgcg gttggtttagc gatgacgcag 300
 gcgctgctgt tgctggccat tgccgcaccg gtttccttga gctgtgaaca aagcggctca 360
 ccnaagggnt ga 372

<210> 63
 <211> 237
 <212> DNA
 <213> Enterobacter cloacae

<400> 63
 cgttgtcggg ggagtgattt catgatgata cgtgaacaga tagaagaaaa attaagggca 60
 gcgttcaacc ctgtgtttct cgaagttgtc gacgaaagct atcgtcataa cgtgccggca 120
 gggtctgaaa gccactttaa agtgggttctg gtcagcgatc gcttcacggg agaacgtttc 180
 ctgaaccgac accgctccat ctgtcttcac tgccgagtgc cggtagcgcg tatgtta 237

<210> 64
 <211> 765
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(757)

<400> 64
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 tattttgaat tttatgaggc ttcaaacatg gtacctgtgg tcgcgcttgt cgggcgcctt 120
 aacgttggaa aatccactct ttttaaccgt ttaacacgca cccgtgatgc gctgggtgctg 180
 gatttcccgg ggctgacgcg tgaccgtaag tacggtcgtg cagaggtgga aggacgcgag 240
 ttcattctgta tcgataccgg gggatttgac ggtacggaag acggcgtaga aaccgcgatg 300
 gcagagcaat ctctgctggc tatcgaagaa gcggatgtcg ttctgtttat ggtggatgct 360
 cgcgctggcc tgatgccgcg ggattctgct atcgctaaac atctgcgttc acgcgaaaag 420
 ccaaccttcc tgggtggcga caaaactgac ggcatacgat ccgatcaggc cattgcggat 480
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 gtggatgagg acgctgaata ctgggcgcag tttgaagccg gagaagaagg agaggaagag 660
 ccggaagacg acttcaacc gcaggatctg cctatcaagc tggctatcgt gggtcgccca 720
 aacgtgggta agtctacgct tactaaccgt attttcnggc gatga 765

<210> 65
 <211> 606
 <212> DNA
 <213> Enterobacter cloacae

<400> 65
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 gacaacggcc gagtcagcgc ggtactgatg cagcagggcc agatgatctg gcagcagcgt 120
 atttcccagg cgaccggttc aactgaaatc gaccgtctga gtgacgtgga caccacgccca 180
 gttatcgctc acgggtgtgg ttacgcgctg gcgtataacg gcaacctgac ggcgctggac 240
 ctgcgtagcg gccagatcat gtggaaacgt gagctgggtt ccgtgaacga tttcatcgctc 300
 gacggcaacc gtatttatat ggtggatcag aacgaccgcc tgctggcgct gagcaccgaa 360

ggtggcgtaa	cgctgtggac	gcaaagcgat	ctgctgcacc	gtctgctgac	cgacccggca	420
ctgtataacg	gcagcctggg	ggtgggcgac	agcgaaggct	atatgcactg	gatcgatcca	480
gagaatggcc	gcttcgtggc	acagcagaaa	gtggatagct	caggcttcct	gacggagccc	540
gttgtggctg	acggcaaaact	gctgattcag	gcaaaagacg	gcacgctgta	cgcgatcacg	600
cgtaa						606

<210> 66
 <211> 462
 <212> DNA
 <213> Enterobacter cloacae

<400> 66						
gttatagtaa	cacatcatcc	ttcattatta	tgtttgaaaa	actctcgggt	acaacccccg	60
aaaagtaccg	caaaaacata	taaccacacc	attaagccaa	gtgactttca	aatgtgtaga	120
actgacaaat	ttcagcttag	cgtcttaaac	accatcattt	ttacaataga	tgcacctata	180
aaaacagggt	tatcaatcaa	tcatttatct	attatttcag	gatatagtaa	atggcatcct	240
caaaaaat	tcaaacacca	ttttggcatg	tcttttaggta	catatattag	acgaaaaagg	300
atagagtatg	ctgctcatga	aattataaat	aaaaaatgca	aatcattga	tgtagtgtat	360
gatttcaatt	tcagcaatca	atcatcgttt	tgtagaacct	ttaagtcaat	atatgggtga	420
tcacctaag	aatttaagag	tgaacatatt	aaccacttat	aa		462

<210> 67
 <211> 192
 <212> DNA
 <213> Enterobacter cloacae

<400> 67						
aaaggggaagt	gggtgtcttt	ccgtgaatgg	agagcaagag	tgcgtttttt	aaattcgcta	60
ccattattga	ggacagaaaa	aaccatccaa	gagatatctt	atttgctagg	ttatagtaac	120
acatcatcct	tcattattat	gtttgaaaaa	ctctcgggta	caacccccga	aaagtaccgc	180
aaaaacatat	aa					192

<210> 68
 <211> 360
 <212> DNA
 <213> Enterobacter cloacae

<400> 68						
tcatgtctgt	ttttgtgttt	cttttgtcct	tttatgttaa	ttattttcaa	caccatgtgc	60
gttattataa	ttgccactga	actggaaaaa	aggtgtatca	tgaaaaacgt	cctctcattg	120
tcattgctac	tatttatttc	aagtgggtat	gcagcttcag	aagtcaccta	tttaaaccct	180
acacctcaag	gagcggtag	aattgggtgag	gtaagcttct	ttaaagcagg	aagtgcaacg	240
cagtcagaag	taattgggtc	actatcaaa	aaagcagatt	cattgggtgg	gactcatttc	300
gaaatttcgt	cacttaattc	ttccgataat	acgtatgcaa	ccgctattgt	gtacaagtag	360

<210> 69
 <211> 216
 <212> DNA
 <213> Enterobacter cloacae

<400> 69						
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atcgggtgctg	ttgcagctgt	aagcgtagaa	caggcatcaa	agcgttggga	cgggttggat	120
gttttagccc	gaagagcacc	atatttttca	agtgccttga	ttgcgttagg	gggaatttat	180
atgggttatc	acgatgggtt	gggcataaca	aattga			216

<210> 70
 <211> 312
 <212> DNA
 <213> Enterobacter cloacae

<400> 70
 ccggattttg atttaccaaa cacaacctgg caaccaccca agctggacct tgaaaatatt 60
 ctggaacctt caccagacg catctggccg gatgcttacg aacgtctgct gttggaaacc 120
 attcgtggta tccaggcgct gttcttccac cgcgatgaag tggaagaggc gtggaagtgg 180
 gtcgactcca tcaccgaagc gtgggcagcc gaccaggacg cgccaaaacc gtatcaggcg 240
 ggaacatggg gacctgtcgc ctccgttgcg atgatcacc gtgatggccg ctccctggaac 300
 gagtttgaat aa 312

<210> 71
 <211> 885
 <212> DNA
 <213> Enterobacter cloacae

<400> 71
 attagaggag cttttatgaa tccgacattg ttacgcgtaa cacaacgcat tgttgaacgc 60
 tcgaaagaga cccgtgctgc ctaccttgcc cgcacgaac aggcgaagag tgaaacggtc 120
 catcgctcac agctggcctg cgggaatctg gccacggct ttgcggcctg ccagcctggg 180
 gataaagacg cgctgaaaag catgttgctg aacaatatcg ccatcattac ctctataaac 240
 gacatgcttt cagcccacca gccgtatgag gtctaccctg ctatcatccg caatgcgctg 300
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 cacgcgccgg gcacctgtac gttctacggg acggccaaca ccaaccagat ggtggtggag 720
 tatatgggga tgcagctacc gggctcgtcg ttcattccag cggtatgcgc actgctgtaa 780
 gcgctgaccg aagccgcac ccgtcagggt acgcgcctga ccggtaacgg caacgagtg 840
 atgccaatgg gcaaaatggt ggatgaaaaa gttatcgtaa aacgc 885

<210> 72
 <211> 387
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (43)

<220>
 <221> unsure
 <222> (281)

<400> 72
 caaaatggac gtcacatgct tacgtgttat gcgcttaatc atntccgcac caaaacccaa 60
 ttggcaacgg cagcagggtg aaaactgcaa tccatttaca attggaaaga gcttgtaacct 120
 gaaacccgtg ctcaccggct tgaaacaacc ttcgggcggg ttctgacatt ccacaaaacc 180
 attttgaac cacaccgtaa agcacaaca actgggaaaa agaatacctc cccccccca 240
 agggactcga atttatggaa attccaaccg accccttcca ntgcgttctg cttggctggg 300
 gcggcggaat taagggaggg cctttccccg gaggggaatc ccgcacaaat taccgccgcc 360
 agggggggcc caccttcccc tgggtgg 387

<210> 73
 <211> 423
 <212> DNA
 <213> Enterobacter cloacae

<400> 73
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 gagctgaaat taactcaacg agaagccgcc aaactcgag gcgtagcgca tgtaaccatt 120
 tcgcaatggg agcgtgacga gacgcagccg gtaggtgcaa gattatttgc gcttgcaaa 180

gctcttttct	gcaccccaac	atggctgatg	tttgggtgatg	acgatcaagc	tccagttcca	240
gcagaagata	tccaatttagc	gccgcaatta	tctgacaagc	acagagagtt	aattgatctc	300
tacgattccc	tgccagagtc	agagcaagag	gcacagctcg	agcaattgcg	tgctcgcgtg	360
aaaaacttca	ataagctctt	cgaagaatta	ctcaaagcca	gacagcgcca	atccaaaaaa	420
taa						423

<210> 74
 <211> 1260
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(44)

<400> 74						
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ttatttgtac	ctcttcctgg	gtattttattt	ggctatcacc	tggagtcggg	ggatattatg	120
aagatgaaat	gcaataacag	gttactcaga	ttatctgcct	ccctgacctt	aatttcggtg	180
gtgggtgactg	cggctaattgc	aaataacggc	caggcgggga	tatctcccgt	tgccggcaatg	240
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gcacagctgg	ggatcggccca	ggcacaaata	gacgaagcgc	gcagtggctg	gatgccacaa	360
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gatgtcctgc	aaaaaatcct	ccgtcgcaca	ggccgactgg	accggggcgc	gtggactaat	1200
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<210> 75
 <211> 1197
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(1156)

<400> 75						
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gcaagcgtac	aggcaaaaac	cctgggtttac	tggtctgaag	gctctccgga	aggctttaac	180
ccacagctct	ttacctcttg	tacgacttac	gacgcaagct	ctgtaccgat	ctataaccgt	240
ctgggtgaat	ttaaaaccgg	caccacggaa	gtgattcctg	gcctggctga	aaagtgggat	300
atcagcgaag	acggtaaaaac	ctataccttc	cacctgcgtc	agggcgtgaa	gtggcaggac	360
agcaaagaat	ttaaacctac	gcgcgacttt	aacgccgacg	acgttgtgtt	ctccttcgac	420
cgtcagaaaa	atgccagaa	cccgtaccat	aaagtgtctg	gcggcagcta	tgaatacttc	480
gaagggtatg	gtctgccaga	cctgatcgct	gaagtgaata	aagtggacga	taaaaccgtc	540
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gacctgaacc	caatcgggtac	cggcccgttc	cagctgcttc	agtaccagaa	agattcccgt	720
attctgtata	aagccttccc	gggctactgg	ggcaccaagc	cgcagatcga	ccgtctggtc	780

ttctccatca	cgcctgacgc	atccgtgctg	tacgcaaaat	tgcagaaaaa	cgaatgtcag	840
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aaagccgttt	accaggggcg	aggcgttgcg	gccaaaaacc	tgatcccacc	aaccatgtgg	1080
ggctataaca	acaaccttaa	ggactacacc	tacgatcccg	agaaaaccga	aaccgttgct	1140
gaaaaaaacc	ggccangaac	aaggctttac	cgccaacctg	tgtgcgatgc	cggttaa	1197

<210> 76

<211> 336

<212> DNA

<213> Enterobacter cloacae

<400> 76

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gtgatgatgt	cgaaaagcac	cgtttatcgc	tttttgcaga	cgatgaaatc	attgggttat	180
gtcgcgcagg	aaggagaatc	agaaaaatat	tctctgacgc	tgaactgtt	tgaactgggc	240
gcccgcgctt	tgcaaaacgt	ggatctgatc	cgcagcgctg	acattcagat	gcgtgaactt	300
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<210> 77

<211> 987

<212> DNA

<213> Enterobacter cloacae

<400> 77

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accctcaccc	tggcgcgtag	cgcgcagggc	tttggcgggc	cggcgcta	gagcgtgaac	420
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cccagcgccg	tgatgaacgc	gctgaccttt	ggcctgctga	ttaccgcgct	gagcggattt	720
gcgagggggc	agtctctgtc	gctcattgcc	gcagaaatcg	ttgccatgct	tatcatcgga	780
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cgtattccgc	tgttttctgc	atccatttgt	acctccattt	gctcgttctg	cgcccagatg	900
ctggcgctgg	ttgcgctgcc	gttctttttg	cagagcgtga	ctggccggtc	ggttggtgtca	960
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<210> 78

<211> 711

<212> DNA

<213> Enterobacter cloacae

<400> 78

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gataatggctc	ttaccggata	tcatctcgcc	atgacagccg	agtatgattt	agtcattctg	180
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aagggtatgc	cggtcttact	gctgacagcc	ctcggcacga	tcgaacatag	ggtcaaagga	300
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cggttgagaa	cccttctgag	gcgggggaaac	acgatgatca	cgaaaagcca	gtttaagggtg	420
gctgacctct	cgattgatct	cgtatccaga	aaagtcagtc	gcgccggaaa	ccgcattgtg	480
ctcaccagta	aagagttcag	cctgctggaa	ttcttcattc	gccatcaggg	agaggttctt	540
ccccgctccc	tgattgcctc	tcagggtctgg	gacatgaatt	ttgacagcga	cactaatgcy	600

atcgatgtcg cagtaaagcg actccgcgct aaaatagaca acgattacga gacaaagctg 660
atccagacag tccggggcgct gggctacatg ctggaggtcc cggatgcata g 711

<210> 79
<211> 342
<212> DNA
<213> Enterobacter cloacae

<400> 79
tccagacagt cccggggcgctg ggctacatgc tggaggtccc ggatgcatag caaaccttcc 60
agacgccctt tctcactcgc tctgcggctg acctttttta tcagcctgtc cacgatactg 120
gcttttatcg cattcacctg gtttatgctg cattctgttg aaaatcattt tgccgagcag 180
gatgtcagcg atcttcaaca aatcagcacc aactgaacc gtatactgca gtccccggtg 240
gatccggatg ataaaaaaat aagcaaaata aaggaatcaa ttgccagcta ccgcaacgtt 300
gcccttttgc tcctcaatcc cagggggggga agtgcctctt ag 342

<210> 80
<211> 603
<212> DNA
<213> Enterobacter cloacae

<400> 80
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gacgatcaat attttcatct tgctccccgg ctggctgcta atgtcattct attgcgcca 180
cgatcgttat caacggatta cagcaaaaat gacaacattg tcattatcct gtcacccggc 240
aaacagagag cgtaggtaa agtaccctta tcaatactct ggacttcatt tgaaccattt 300
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atattcactc tggcaggctg cgtgtcgctt gcgcctgaat atcagcggcc cgcagcaccg 420
gtaccccgcc agttttcact gctccataac agcctgacgc cagcggtaaa tggctatcag 480
gatacgggct ggcgtaactt ttttgtcgat ccccggtta cccggttgat cgggtgaagct 540
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ttc 603

<210> 81
<211> 1296
<212> DNA
<213> Enterobacter cloacae

<400> 81
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gcggaactga gcgataacac gctggctttg tatgcgcaa accgtttcgt gtcgattgg 180
gtaagggata aataccttaa taacatcaat ggactgctga atgatttctg cgggtcagat 240
gccccacagc tgcgttttga agtgggcaca aagccgggtca cccaaaccgt tcgtgaagtt 300
gtcaatgtgg cagccccctg acaggcggcg cccgctccag cgctcgcgt tgcaccggct 360
cgtcagggtc ggataacgt tccggccccc gctgagccta cctaccgctc taacgttaac 420
gtgaaaacaca cgttcgataa cttcgttgaa ggtaagtcca accagctggc gcgcgcggcg 480
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acgggtctcg gtaaaacgca cctgtttgcat gcggtgggca acggcattat ggcgcgtaag 600
cccaatgcc aagtagtgta tatgactcc gaacgcttcg ttcaggacat ggtaaaagcc 660
ctgcaaaaca atgcgatcga agagttaaaa cgctactacc gttccgttga tgcgctgctg 720
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ttactgtcta aacgtcgttc ccgctcgggtg gcgcgtccgc gtcagatggc gatggcgctg 1260

gcaaaaacagc taagcaacca tagcctgccg gaaatc

1296

<210> 82

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 82

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ttgcgctttg	aacatgagac	ggtgatgccg	cctgaaatga	aattcagcaa	gcgtgaacgg	120
gaaattctga	agtggaccgc	agaagggaag	acgtcggcag	aaatcgccat	cattctttcc	180
atctcgga	ataccgtcaa	tttccaccag	aagaatatgc	agaagaaatt	caacgcaccg	240
aataagatcc	agatagcgtg	ttatgccgcg	gcgacgggac	ttatctga		288

<210> 83

<211> 461

<212> DNA

<213> Enterobacter cloacae

<400> 83

acccaattag	cagtcagtag	cgttatccct	attctggaga	catttccttt	gatcaacgtc	60
cttcttggtg	atgaccacga	actggtgcgc	gcagggatac	gacgcattct	tgaagatata	120
aagggtatta	aagttgccg	cgaggcggtc	tgtggcgaag	atgccgtcaa	atgggtgtcg	180
gctaactccg	cagacgtggg	gctgatggat	atgaacatgc	ccggtattgg	cgggccttgaa	240
gccacgcgca	aaatcgcgcg	catgttcgtt	gataccttag	ttatcatgct	gaccgtccat	300
accgaaaatc	cgctgcctgc	cagagttatg	caggcgggtg	ctgccgggta	tctcattaaa	360
agcgcgcgcg	cgcaaggaag	tggtcaatgc	gatccgccac	cgtatacccc	ggggcaagggt	420
tacattcctt	ctgaatatgc	tcaacaaaat	ggctctgaat	c		461

<210> 84

<211> 225

<212> DNA

<213> Enterobacter cloacae

<400> 84

atgagcacac	ctgaatttgc	cactgccgag	aataaccagg	aactggcaca	ggaagtaa	60
tgcctgaagt	cgctgctgac	gcttatgcta	caggcgatgg	gccaggctga	tgctggctcgt	120
gtgatcatta	aatggaaaa	acagatcgcg	cagatggaag	accaggcgga	atccgctggt	180
tttgccaata	cggttaagca	aattaaacaa	gcctaccgcc	agtaa		225

<210> 85

<211> 366

<212> DNA

<213> Enterobacter cloacae

<400> 85

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ctaattttta	ccgaaacggt	gaccaccatg	agtaaagcga	ttatgcagca	gacgtataat	120
tttgaagcct	tgacagataa	aggactggcg	gaacattttc	ttaatgcagg	aaaacatctc	180
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ctctctaata	aagagattat	cctgcaactg	attcacgccc	tcgaaattac	cgaggagccc	300
gaagcctgcg	atgtcattcg	aaatacgctt	gaaattgttg	tcggttttac	gcgcgatgat	360
atctga						366

<210> 86

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 86

gttggttcaga	taaaaccatt	tataccccat	agaaaagtgg	ggttgataa	attatatctt	60
-------------	------------	------------	------------	-----------	------------	----

atcaggggtgt	ggtttagcga	tgcacgtgtt	ttcagagatg	aagtctgtgc	agtaaaaaat	120
aatccgcagg	ggtttttcgga	tgcggaaatt	gatattttgc	aggcgttaca	taagcgggaa	180
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ctgctgcgct	ggcataaaaa	cggtcaggtt	ctgaaggctg	cccaatttct	gggtggggtg	300
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cagatataca	gcgacatgac	gggaagggaa	tcggttcg	aaggcgctga	tagcgaagaa	780
aaatttaaaa	aacttgctgc	gttaggggtt	aaacgctttc	agggatatta	tctttcccg	840
gcggttaaag	aagaagagct	tgatcgaatg	gtacggctat	ttagttaa		888

<210> 87

<211> 558

<212> DNA

<213> Enterobacter cloacae

<400> 87

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gatgatttca	gcccatacct	tgcagctgag	atatacagcta	tgtttgaggc	gatttgcaac	120
ggaagggaatc	attcctctgt	gtatgagtac	ccgctattaa	ccgaagtaca	ggctggctca	180
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aaagccagtg	attctgcctt	ttggcttgag	gtatcaggct	attcgatgac	tgccccgcca	300
ggagtaaaac	cgagttttcc	tgagggaatg	cttataactca	tagatccaga	acaggatgtt	360
gagcctgggtg	atcttctgtgt	tgcaggtatc	ttcaacgatt	cgaggtcac	ttttaaaaaa	420
tatgttcgag	aagatgggaa	gccatggctt	gaacctctaa	accccagccc	tcgctatcag	480
gccattgaat	gtaatgagaa	ttgcaggata	ataggcaaag	ttgttaaggc	ccaatggcct	540
gaaaatatct	tcgaataa					558

<210> 88

<211> 467

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(399)

<220>

<221>unsure

<222>(404)

<400> 88

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cgtctccttc	ttcgtgtttt	gctgtttcga	cggtgtccgc	gctgggtctcg	tctccgcctg	180
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ttgaagcgcg	gcatggagca	agctcagccg	ctctccacgt	ttctgtttta	cagcctgatg	360
ccgcaggttg	atgttgagtac	ccctgtacgg	cgcgcgcan	tcancacgct	ggcgctgccg	420
ttaatcagcc	atgtgcccg	cgaaacgctg	cgcatctatc	tgcgtca		467

<210> 89

<211> 330

<212> DNA

<213> Enterobacter cloacae

<400> 89

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gtcgcgctgg	cgctgttcgt	ctttttcttt	gccgttgctg	cgctgggttc	gtcctcctcg	120
gcggtccttt	tcctgctgct	gttcgcgcgc	tccttcttcg	tgttttgctg	tttcgacggg	180
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gtcgggcgtc	ctttggtttc	gctttttgtt	cctgcccgct	gggtgttgcc	cggtttcgct	300
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<210> 90

<211> 195

<212> DNA

<213> Enterobacter cloacae

<400> 90

ggacatagaa	acagtgggtca	ttgggtgtggt	acgtcatctc	gttcaactcct	tcaaattccg	60
ggatgcctga	gcatgtttgc	gctggtcgat	gtgaattctt	tttatgcttc	atgcgaaacc	120
gttttcaggc	cagacctccg	tggcaaacct	gtggtgtgac	tatccaataa	tgatctgagt	180
ggtgagaagt	gtttag					195

<210> 91

<211> 258

<212> DNA

<213> Enterobacter cloacae

<400> 91

agtggggaca	agatgtacat	ctcagaaatt	cagattgaga	attttcggct	gttcgattcc	60
gctgaaaaag	cttttgtact	atcactcaac	cccgggctga	ccgctttggg	aggcgaaaat	120
gatgcgggaa	agacggctgt	tattgatgct	ctccggttgg	tattaggaac	ccgcgatcag	180
gagatgctgc	gtatagatat	gttaattatg	caccattggg	gggaggcaaa	atctcgaact	240
tccccttttc	gctcatag					258

<210> 92

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 92

ggatataaca	tggcggtttaa	atttaagacc	ttcgcagcag	taggcgcact	gattggctcg	60
ctggcacttg	tgggttgccg	tcaggacgaa	aaagatccaa	accacatcaa	agtaggcgtt	120
atcgtcgggtg	cagaacagca	ggttgctgag	gccgcgcaga	aaatcgctaa	agagaaatat	180
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aaaggcgaca	ttgacgctaa	cgcttccag	cataaaccgt	acctggatca	gcagatcaaa	300
gatcgcggtc	acaaactggg	tgtgtcggg	aacaccttcg	tttaccgat	tgccggctac	360
tccaagaaaa	ttaaatctct	ggatgaactc	cagccgggtt	cacagggtgc	cgccctaacc	420
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aaagacgcgg	agaatgtgaa	gaaattcata	caggcatatc	agtctgaaga	agtggtaccag	780
gaagccaata	aggtgtttta	cggcggcgcg	gttaaaggct	ggttaa		825

<210> 93

<211> 931

<212> DNA

<213> Enterobacter cloacae

<400> 93

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cgaagagatt	gctgtgttcc	aggccttctc	acgggtgatc	cgtgaagcgg	gtaaacgggt	900
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<210> 94

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 94

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gttgaatca	gaaccttcca	catagggtcg	atgttggtca	tgcgattaaa	ccaggccagc	120
cccatcccaa	taataaacgc	cccgatcaga	tttgccgcc	gtgtcccat	cggaatggcc	180
tga						183

<210> 95

<211> 945

<212> DNA

<213> Enterobacter cloacae

<400> 95

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gtcgagtgt	acgctgtttt	tgaccgggag	acaattatgt	atgttgcagt	agggcagttc	180
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<210> 96

<211> 396

<212> DNA

<213> Enterobacter cloacae

<400> 96

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acactggcgc	caaatctgat	cggggcgttt	attattggga	tggggctggc	ctggtttaat	180
cgcataacca	acatcgacce	tatgtggaag	gttctgatta	caaccggttt	ctgcgcgggc	240
ttacaacagt	tttctacctt	ctctgcggag	gtggtgtttc	tgtttcagga	aggccggatg	300
ggctgggcgc	tgacgaacat	tgccgttaac	atgcttggct	cgtttgcgat	gactgcgac	360
gcattctggt	tattttctct	cgccagcgga	cattaa			396

<210> 97
 <211> 456
 <212> DNA
 <213> Enterobacter cloacae

<400> 97
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 gtcagtcagt tgaattcctc gacgcatgaa aacttaccgg acaggggttaa taaaaacaac 180
 acgcccctcat tctctgaaat gaatgaacat gaaagggcca ttgttgctca ttcattttatg 240
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 ggcagtgatg caaattcaaa gacctcgtct tcttctttta acgaactgaa tgccggagaa 360
 aaagccgctc tcgtgcatga gcagggtcaat aatgccggtg cggaagcaca tcagacgcag 420
 gcaagaaagc ttcgcgggct gtattcgacc aggtaa 456

<210> 98
 <211> 839
 <212> DNA
 <213> Enterobacter cloacae

<400> 98
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 cggcgctgga gcgtgagggg tcatccctgc tgggagccga tgcaggcgaa ctggcgggcg 180
 cgggcaagac aggcgtaacc gtacagagca gccttgaggc agtgaaagaa gactttgatg 240
 tggtcatcga ctttaccgct ccggaaggca cgctggctca tctggcggtt tgccgtcagc 300
 acggtaaaagg gatggtgatt ggtaccactg gtttcgatga tgccggtaaa caggccattc 360
 aggacgcagc caccgacatt gcgattgtct tcgctgcgaa ctttagcgtc ggcgttaacg 420
 tcatgctgaa actgctggaa aaggcagcga aggtgatggg caattatacc gacattgaga 480
 ttgttgaagc acaccaccgc tataaagttg atgctccatc aggcacggcg ctggcgatgg 540
 gcgaaagcgt tgctcatgca cttgataggg atttaaaaga gtgcgcggtc tatacccgctg 600
 aaggacatac cggcgaacgc gtgcccggga caattgggtt cgcaaccggt cgtgcaggcg 660
 atatcgctcg tgaacatacg gcgatgttcg ccgatattgg cgaacgtgtt gagattaccc 720
 acaaagcgtc aagccgcatg acgtttgcga atggtgcagt tcgcgcgcgt ttgtggctta 780
 acgcgaagga aaagggtctt tttgatatgc gagatgtgct tgatctcaat aatttgtaa 839

<210> 99
 <211> 390
 <212> DNA
 <213> Enterobacter cloacae

<400> 99
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 ggggaagtcg ttttcaatac ttcaatgacc ggttatcaag aaatcctcac tgatccttcc 180
 tattctcgcc aaatcgttac tcttacttat cctcatatcg gcaatgtcgg caccaatgcg 240
 gctgacgaag aatcctctca ggtacatgcg caaggcctgg tcattcgcga cctgccgctg 300
 attgccagca acttcgcaa caccgaagac ctctcttctt acctgaagcg ccataacatt 360
 gtggcgattg ccgacatcga taccgtaag 390

<210> 100
 <211> 1269
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (1251)

<400> 100
 tgcatggagt tcagtgtaaa aagcggtagc ccggagaaac agcggagtgc ctgcatcggt 60

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gacggctata	tcagcgcctt	gctgcgccgt	ggcgaactgg	aaggcaaac	agggcagacc	180
ttgttgctgc	accatgttcc	gaacgtcctg	tccgagcgta	ttctgctgat	tggctgtggt	240
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cgcaacacgt	actggaaggt	gcgccaggcc	gtcgaaaccg	caaaagagag	cctctacagc	420
tttgatcagc	tgaagaccac	caaaagcgag	ccgctgcgcc	cgcttcgtaa	aatggtcttt	480
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attgccgccc	gtatcaaagc	ggcaaaagat	cttggcaata	tgccgccaaa	catctgtaac	600
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gtttacggcg	ttatgcgcgt	ggcgcgga	cttcagttgc	ccatcaacgt	gatcggcgtg	960
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aaccgggtgc	cgcattggacc	gatcggcgca	tttgtcacia	ccgcctgat	nggtccgcag	1260
tattggggtt						1269

<210> 101

<211> 2103

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (258)

<400> 101

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accaccggca	ccaaactgtt	gttggttccc	cgcgacatcc	cacagtcctg	cagcgttatc	180
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ggtgataacc	ccgccgatac	cgcgatttat	gaccgcattg	aagtggttcg	cggcgccacc	420
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gaaatgatgt	tcggcggcag	cttcagccgt	caacgtaacc	attacgacaa	ctccatgccg	1140
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gattttgcgg	tacaggctaa	cgtcaacaac	ctgttcgaca	aagagtatta	cgactacgtc	2040
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tga						2103

<210> 102

<211> 492

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (344)

<400> 102

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gcgcgggata	atggaattaa	tgacaatctg	ctgtttacct	ggcgccagcg	ttacagacat	180
cttctgcccc	atgaaataca	acggtcaatc	agagagcaag	actctgttat	ccccgttgctc	240
ctgcctgata	tggccctgtc	acaccatgct	gagccgcact	atgaaaccgc	cgctccagcc	300
tgccgcgagg	ccatgacatg	cgatgtgact	gtcggcggtg	gcancctgcg	tctgtccggg	360
ggatttatca	ccttgcaact	cttgaaaacg	ctgatccgcg	cacctgaccg	gggagggagc	420
cgaatgattc	cccttaccgt	ccgggcactc	cgtattctgg	ctggggttgcc	ggggttcccg	480
aaaaatgctt	aa					492

<210> 103

<211> 726

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (547)

<220>

<221> unsure

<222> (649)

<400> 103

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aacgccctga	cactcttcgc	tattgtggcg	tggattgcat	atgaagcatg	ggagagggtta	180
caagctccac	cagcgatact	ggcaggccca	atgctgatcg	ttgccattgt	aggattgttg	240
gtcaacgtat	tgggtattatg	gatcatgacc	cgtggtgaga	ctgatcatgt	aaacgtcaaa	300
ggcgctat	tacatgtgat	gggggatcta	ctgggttctg	ttggcgctat	tgtcgccgct	360
attgtcattt	actatacggg	ctggacacca	attgatccaa	tactctccgt	tctcgtcgca	420
gcactggttt	tacgtagtgc	ctggaagtta	ttagcaaaat	ctctgcacat	cctgttagaa	480
ggtgctccc	aaaatgcttc	cccagacaag	gtaaagcaga	gactaatcaa	ttctgttcaa	540
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acactggaag	taagagcaaa	ggaagatgtg	gacgtgaaag	acgtagtana	gcttggttaa	660
caagaacttt	atgagcattt	caaaaataga	acacgcaact	gtgggcatcg	actggaatta	720
cgatga						726

<210> 104

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 104
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 gaaattgggc tactttccga gattttccat ctactggggg accagtcaag actacgaatc 180
 ctgctttact gtatgcgtgg ttcggtctct gtaggtgaca ttgctgagtc gctccagtta 240
 tcacaatctc tggtcagtca tcatctgagg ttgttgccgg gtgcaagact cgttcgagga 300
 gagagaaagg gcaagtacat cttttatagc attatggatc agcatgtaag ccatgttctt 360
 caggatatgg catttcacat agcagaataa 390

<210> 105
 <211> 285
 <212> DNA
 <213> Enterobacter cloacae

<400> 105
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 gcaaagggtg agcaccctgt taggggtatt atacgtcagt ttgggttttat caaagcacgc 180
 tacaaggggt tgatgaaaaa tgactcacag ttagcgatgc tattcacgct agcgaacctg 240
 tttaaagtgg atcagatgat acgacgcacg actaaatccg cctaa 285

<210> 106
 <211> 435
 <212> DNA
 <213> Enterobacter cloacae

<400> 106
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 gcggcctacg gcagtgaatc cattagaaac agcttgccgc aggcaatcgc gcagcgagaa 180
 aaggagagag agcaggagca gcgccacaaa aagaagaccg acgccgtcac ggccgggggg 240
 tgcagaaggg gcaaaaaccc gcagaggggca acaacaatca acaaaagcag gagatccaga 300
 ccgcgcaaaa cgaaccggac aaacagagca aaaccagaac cgacggggcg ggcaaaaccg 360
 ggagccgcga gaaagaagga gaggaaaaag gaacgcagga ggagcaggca gaaaggacgc 420
 aatccagccg gataa 435

<210> 107
 <211> 510
 <212> DNA
 <213> Enterobacter cloacae

<400> 107
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 ggaagcacac tgctggccgt tgccctctttc cttcaggggc cgctgaccat catcaccctt 120
 tctcttgata tcgcccaaca ggtgagcgat cgggaaggta tcgacctgat cctgctcggg 180
 ggaaagtggg atcagaaaca gcgcctgttt gccggaagcg ccaccctttc gctgctctct 240
 cgctaccggg cgatatttgc cattcttggc gcatgcgcca tccatgccga actcggattg 300
 agcgccagtc aggaggcgga tgccgaagtg aagcgtgcca tgctggccgc aagccaggcg 360
 cactgggtag tcgccgacca tctaaaactc aatcagtgcg aaccgtatct ggtgtcaggg 420
 ttatccgaga ttcataact gtttttagat cgtccctggg cagagctcgg ggaccatagc 480
 gccgtgcagg ttaccgtttg cgcacattaa 510

<210> 108
 <211> 1143
 <212> DNA
 <213> Enterobacter cloacae

<400> 108
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 aacgtggaga aggtcatgaa taaagtgaag acaatgaata ttgcgctgat cgggtatggg 120
 tttgtgggta agacgttcca tgccccgctg atccagtcgg ttgacggcct gaagctggcg 180

gtgatctcat	cccgggatga	agagaaagt	aaacgcgac	tgccggacgt	gctcgttgtc	240
gccacgccgg	aagaggccat	tcagcaccgg	gatatcgatc	tggtgggtat	cgccctcccct	300
aacgcgaccc	atgcgccgct	ggccaccctg	gcgctcaatg	ccggcaagca	tgtggtagt	360
gataagccgt	tcacgctgga	tatgcaggaa	gcgcgggac	tgattgcgct	ggctgaagaa	420
aaacagctgc	tgctttctgt	cttcacataac	cgccgctggg	acagcgattt	tctcggcatt	480
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cgtttccgcc	cggaggttcg	cgtgcgctgg	agagagcaaa	acgttcccgg	tagcggcctg	600
tggttcgatt	taggcccga	catgattgac	cagacgctac	agctttttgg	tctgccgcag	660
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gtggtgctga	attatccgga	acacaaagt	gtcctccatt	gcagcatgct	ggtggcgggc	780
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ccggtcccgc	cggtggaagc	cctggcggtg	atggcggtgc	tggaatcggc	ggtaaaatct	1080
tcagaaacgg	gtacaactca	cgaactggac	ttaacggcgc	atgatcgcg	gcaactgcaa	1140
ttaa						1143

<210> 109

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 109

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tctaaacgta	aaaaggagcg	cattatgtct	acccctgcaa	acttcaacgg	tgcacgtccc	120
gttattgacg	taaacgatgc	cgttatgctg	cttatcgatc	accagagcgg	gctgttccag	180
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gccgttgctt	ccgaaattca	gcgcacgtgg	aaccgtgaag	atgcgggtga	atgggcagag	660
gtgtacacac	acatcttccc	tgtctaccag	ctgctgatcg	aaagctacag	caaagcgcgag	720
gacgtggtga	aaaatagcga	agtgtctgat	tcgcagcggt	aa		762

<210> 110

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 110

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tcgcagaaag	ccggtgaatt	gaaaatgatg	cagctgtggt	tcaacctgcc	cgccaaggac	120
aaatggggaa	cgcttgata	ccagagcatc	actcaggcgg	atatcccggg	ggtcaccctg	180
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aatgaaccga	tcgtgggcta	tgcccgttt	gtgatgaaca	gtaaaaccga	aatcgccgag	540
gctattcgcg	atttcaactc	cggccgcttt	ggccaaatct	aa		582

<210> 111

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 111

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caggcggttt	aa					372

<210> 112

<211> 972

<212> DNA

<213> Enterobacter cloacae

<400> 112

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gatgcgccaa	cggaagtgtg	gggcaatcat	tttaccgcgc	gtatcgcgcc	ggataacatt	180
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tgtattctca	ccaccattag	cccgagagaaa	ggccagaagc	atccttcggg	tgaaccgcta	540
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atttgcggtg	gctgtcgcat	taaactgggtc	gatggtgaag	tgagtgcctt	gaagaaatct	900
gcgattggcg	gtgacggcac	gacccgtgtg	tgtagctgtg	tcccgaAAC	atccgtacag	960
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<210> 113

<211> 792

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (60)

<400> 113

aacaggggggc	atcgggtattc	cccggtgttg	gcgattgtgc	tggttggtg	atctttattn	60
tatgaaccgt	tccagatccg	gtcaggatcg	atgatcccaa	cgctgctgat	cggtgatttc	120
attctggttg	agaagtttgc	ctatggcatc	aaagatccga	tctaccagaa	aacgctgac	180
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ctggattata	ttaaaccgcg	ggtaggctctg	ccgggagata	aagtaccta	cgatccgggtg	300
gcgaaagagg	tgaccattca	gccaggctgt	agctctggaa	ctgcatgtga	aaatgcgctg	360
ccagtcactt	actccaacgt	tgagccaagt	gattttgtgc	agacctttgc	ccgccgtaac	420
ggcggtgaag	cgaccagcgg	attcttccag	gtgcaaaaag	gtgaaacca	agagaacggt	480
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ccaatcgac	aggatcaact	ggcaatgtac	taccagcagc	caggccaaca	gctggcgacc	600
tggattgtgc	caccgggaca	ctacttcatg	atgggtgaca	accgcgataa	ctctgcggac	660
agccgttact	ggggctttgt	gccggaagcg	aatctggtcg	gtaaagcaac	cgctatctgg	720
atgagttttg	agaagcagga	aggcgagtgg	ccgaccggcg	ttcgctgaa	tcgtattggc	780
ggaattcatt	aa					792

<210> 114

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 114

acaggctgcc	gccgaacagg	cggttaaaaat	gctggagctg	gaatgagcat	cgacaaaacc	60
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aatctgcttg	ggcagaagat	ttctatcacc	tcgcgttaagg	cgagaccac	gcgtcaccgc	180
atcgctcgta	tccatactga	agggcggtat	caggcgattt	acgtcgatac	cccgggcctg	240
cacatggaag	agaagcgcgc	cattaaccgt	ctgatgaaca	aggcggcgag	cagctccatt	300
ggcgacttag	agctggtgat	tttcggttg	gaaggcacc	gctggacgcc	ggacgacgaa	360
atggctcctga	acaagctgcg	cgacggcaaa	acgcccgtga	tcctcgcggt	caataaagt	420
gacaatgtgc	aggaaaaagc	cgatctgctg	ccgcacctgc	aatggctggg	cagccatattg	480
aacttcctcg	acatcgtctc	gctgtctg	gacacgggtc	tgaacgttga	t	531

<210> 115

<211> 801

<212> DNA

<213> Enterobacter cloacae

<400> 115

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atgaacccca	tcgtaattaa	tcggcttcaa	cggaagctgg	gctacacttt	tcattcatcag	180
gagttgttgc	aacaggcatt	aacccatcgc	agtgcagca	gcaaacataa	tgagcgtctc	240
gagtttttag	gcgactctat	tttaagtttc	gtgattgcaa	atgcgcttta	tcattcgtttt	300
ccgcgtgtgg	acgaagggtga	tatgagccgc	atgcgcgcca	cgctggtgcg	cggaataacc	360
ctcgctgaaa	tcgcacgcga	gtttgagctg	ggtgaatgtc	tcgctctggg	gccaggtgag	420
ctgaaaagt	gtggtttccg	tcgtgaatcc	atccttgccg	atacggtcga	ggcattgatc	480
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cagaccggcc	tggacgaaat	cagcccgggc	gataaaciaa	aagatcctaa	aacgcgtctg	600
caagaatatt	tgagggtcgc	tcattctgccc	ctgccatcct	atctggtggt	gcaggtacgt	660
ggcgaagcgc	acgatcagga	atttaccatc	cattgccagg	tcagtggcct	gagtgaaccg	720
gtggtcgcca	cggtttcaag	ccgtcgtaag	gctgaacagg	ctgccgcgca	acaggcggtta	780
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<210> 116

<211> 1307

<212> DNA

<213> Enterobacter cloacae

<400> 116

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gaacagtcgc	tacggcgaaa	tctcagcaac	cgtcacattc	agcttattgc	cattggcgga	120
gccatcgga	cagggtgtt	tatgggtcgc	ggcaaaacca	tcagtcttgc	cgcccgcgtc	180
atcatcttcg	tttatatgat	catcggtttt	atgctctttt	tcgtgatgcg	tgcaatgggt	240
gaattgctgc	tctcgaatct	tgaatacaaa	tccttcagcg	acttcgcgtc	agacctgctc	300
ggcccggtgg	cgggctattt	taccggctgg	acctactggt	tctgctgggt	ggtcaccggc	360
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tgggtggctt	cgctggcggt	gattgtcctg	ctgctgagcc	tgaacctcgc	caccgttaaa	480
atggttcggt	agatggagtt	ctggttcgcg	atgatcaaaa	tcgtcgccat	catcgcgctg	540
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gccggcttcc	agattgcggt	gttcgcgttt	gtcgggattg	agctggtcgg	taccacggcg	720
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gcgagcctga	ttaacttcgt	ggtgctgacc	tctgcggcct	cttcgcgcaa	cagcggcgctc	960
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gtgtaccgca	aacagcgtcc	acacctgcat	gagaagtcga	tctacaagat	gccgctgggc	1260
aagctgatgt	gctgggtgtg	catggcgctc	ttcgtcttgc	tgctggt		1307

<210> 117
 <211> 636
 <212> DNA
 <213> Enterobacter cloacae

<400> 117
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 ggcacgcgct tgcaggtagg acagcagctg agcgaatccg gcctggaagg tctgttaccg 120
 gaagcgctgg tggcgggtat cgctgacgcg ctggaaggca agcagcccgc tgtgccggtt 180
 gacgttgtgc accgtgcgct gcgtgaaatc cacgaacgtg ctgacgccgt acgtcgcgcg 240
 cgtttcgaag agatggcggc agaaggcgtg aaatatctgg aagagaaccg tgagcgtgaa 300
 ggctggaaca gcaccgagtc cggcttgacg ttccgcgtaa tcaatcaggg tgatggcgca 360
 atcccggcgc gtaccgacca cgcttcgcgta cactacaccg gtaagctgat cgacgggtacc 420
 gtgttcgaca gctccgtagc gcgtggcgaa ccggctgagt tcccgggtcaa cggcggttatc 480
 gcaggctgga tcgaagccct gaccctgatg ccagtaggtt ccaaattggga actgactatc 540
 ccgcacaacc tggcttacgg cgagcgtggc gctggcgcggt ccattccgcc attcagcacc 600
 ctggtgtttg aagtcgagct gctggaaatc ctgtaa 636

<210> 118
 <211> 1200
 <212> DNA
 <213> Enterobacter cloacae

<400> 118
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 ggaccagatg agaagttatt ttaccaaagc cgtcgactat atcgaaagtg ttgcaacatt 120
 tattacatcc aagtgagcat gatggtgaaa aaattcaaaa agttactttt agagttcatt 180
 gtagcagtta tgccttcgct ttctataaccg ggtatggcta tggcagcaga tgctggagtc 240
 cctggggcta tgtgtcagtc agctggagtg tggcagggtc tgattaagaa tatctgttgg 300
 agctgcattt ttcccatgag gataatgggc ataggggcag ctccagaagg cgctgctcct 360
 tcacgtccgg gttgctactg cacagatcag aacggcgtac cggaaatagg ttggcaattg 420
 agcttctttc agccgggtgaa gattgtagaa gttgtaaaga gcccctggtg cagccccttt 480
 cttgaaggca cgatgcttca aaaatcgag tttgatattg gtaaaagcaa cacaatcag 540
 ccaatgacag caactgaagc cggattttac gatgttcac tttgggagtt cccaatcatg 600
 acaatgctca aattactgat tattggcgag tgcactgctg aaccctatat agatgccagc 660
 ctgacctata taagcgaagt ggaccctatg tgggaaagtg atctgcttac actcgctcctg 720
 aatccagagg cagtagtttt tgcaaaccga attgcctcaa tgggtgtgcg tgctgactgt 780
 gtagcagtaa cagcaggaaa ggataatctc gctgcatact tttgtgccgg atgcgatggc 840
 aacctttatc cattaaccgg ccacatgtac gcaaatgatg acgctgtaag gacgagttca 900
 ctgataaacc atcgtcttct gactaaacta catcgccagg gaatgctgat gcgaacgatg 960
 ggagcagacg caatgtgtga gaaaacgtgg gaatacttta cacctcgttc ccagtatcgg 1020
 ctttcaatgc ttttcccaac tcctgaggcg aaagggccgg attgctgtca tcgtcttggt 1080
 gattcggtac atgactggtc aacccttaaa ggtgggcgca aaaaaatagg caatgataat 1140
 tatgtctata tgttgtggcg ttacaatgac tgttgcgtca gatataatcc aggcgcttga 1200

<210> 119
 <211> 879
 <212> DNA
 <213> Enterobacter cloacae

<400> 119
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 ccgtggggaa gcagcaataa tcaaggcggc aactctgggg gaaatggcaa caaaggtggt 120
 cgcgagcagg ggccgcccga tctggatgat atcttccgca aactgagcaa aaagcttggt 180
 ggccttgggc gaggaagg tcttggtcgc ggtggcaatt cactcagag tccgcgcccg 240
 ccaatgggtg gccgcgtggt gggcattgtc gccgctgcgg tagtaatcat ctgggcagcc 300
 agcgggttct acaccattaa agaagcagaa cgcggtgtgg tcaccggtt cggtaagttc 360
 agccatctgg ttgaaccggg cctgaactgg aagccgacct tcattgatga cgtgaccgcg 420
 gttaacgtgg agtccgttcg cgaactggcc gcctctggcg tgatgttgac ctctgacgag 480
 aacgtggtgc gcgttgagat gaacgtacag taccgcgtga ccgatccgga acgttatctg 540

tttagcgtga	ccagcgccga	tgacagcctg	cgtcaggcga	ccgacagcgc	cctgcgtggc	600
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gatacccagc	gtgagctgga	agagaccatc	cgcccgtaga	acatgggtat	caccctgctg	720
gacgtcaact	tccaggctgc	acgtccgccg	gaagagggtga	aagccgcctt	tgacgatgcg	780
attgccgcgc	gtgaaaacga	acagcagtac	atccgtgaag	cggaagcgta	caccaaggac	840
gttcgtcttc	acctcggaag	agcggatccg	cgtagagct			879

<210> 120

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 120

accaaaatgg	atatgctgga	ggattttgaa	ccgcgtattg	accgagacga	agagaacaaa	60
ccgattcggg	tctggctgta	tgtcaggcc	gggattggtg	tgccactgct	tttccaggct	120
ttgacagaac	gtctttccgg	tgaggtagct	cagcacacgc	tgcgactgcc	gccacaggaa	180
ggcaggctgc	gcagccggtt	ttatcagctt	caggcgatag	aaaaagagtg	gatggaggat	240
gacggcagcg	tggggatgca	ggtgcgtatg	ccgatcgttg	actggcgctg	cctctgtaaa	300
caagaacctg	cgctggcgga	ctatatcgctc	tga			333

<210> 121

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 121

ggacatcatc	accccgTTTT	agggattgtg	ataaaatgcc	cgctctctgg	tgaaacccaa	60
caggaaagaa	tcatgatgag	cctggccggt	aaaaaaatcg	ttcttggcgt	cagcggcggt	120
attgctgcct	ataaaacgcc	agacctggtg	cgccgtttgc	gcgagcgcg	ggccgacgta	180
cgggtcgcg	tcaccgaagg	cggcaaaagc	tttatcaccc	cactgagcct	gcaagccgtc	240
tcgggatacc	cggtatccga	cagccttctc	gacccggcgg	ccgaagccgc	aatgggccac	300
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gcccgcctgg	caaccggtat	ggcgaacgat	ctggtaacga	ccatttgctt	cgccacgcct	420
gcgcccgtcg	cggttgtgcc	cgcaatgaac	cagcagatgt	accgcaacgc	cgctaccag	480
cacaatctgg	acacgtgggc	ctcgcgcggc	ctgctgattt	ggggaacgga	cagcggcagc	540
caagcctgcg	gggaaattgg	gggcaggggt	tttctcaac	ccattaacga	ttgttga	597

<210> 122

<211> 204

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (153)

<220>

<221> unsure

<222> (155)

<400> 122

tttggggaac	ggacagcggc	agccaagcct	gcggggaaat	tgggggcagg	ggttttcctc	60
aaccatttaa	cgattgttga	tatggccgcc	gccattttct	cccctgtcaa	cgatctgcaa	120
catctcaaca	tcatgaatac	cgcgggcccc	ccnncnaaac	cgctgggatt	ccgtgcgtta	180
catcaacaac	caaaggttcg	ggaa				204

<210> 123

<211> 852

<212> DNA

<213> Enterobacter cloacae

<400> 123
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 gatgatgtcc ttaattcact ttgcgagggc ttacgcaaga acgaaatgcc agcatcgaac 120
 cccgaatttg cctgtggcag cataatggca aacagaagga ggccaggcat ggaagagact 180
 gaactgctgc taccgcgtga aaaaatgctg cgtcatggcg tcacgttggt aaaggacgac 240
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 aaagaactga tagaccattt cggttcactg tatggattgc tgaccgctga gctggaggcg 360
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 ctggcccggc gatttttaca cgtgcgtatg gaggaagaag acccgatcct cacccccggc 480
 atgaccggcg aattttttgca aagccagcta tccgatctgg agcgggagat ctttatggtg 540
 atcttttctg acaacaaaaa ccgggtactg aaacataccc gccttttttc gggaacattg 600
 agccatgttg aggtgcatcc gcgtgaaatt gtgcgggaag cgataaaagt gaatgcagcc 660
 ggctgatcc tcgcgcataa tcacccctct ggctgtgcag aaccaagcag agctgacaaa 720
 gcaattaccg aacgtattat caaatgctgt caattcatgg acattcgtgt gctggaccat 780
 ctgataattg gccgcggaga gtacatttgt cttcaccaca gggggtcgaa ggagccgcgc 840
 tatgcgtgta ta 852

<210> 124
 <211> 336
 <212> DNA
 <213> Enterobacter cloacae

<400> 124
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 gagagcagcc agtggagcga agcgctggcg gagaaaattg cggataacga aggaattacc 120
 ctctccccgg aacactggga agtgggtgcg ttcgtgcgag aattttacct tgaattcaac 180
 acgtcgccag ctatccgcat gctgggtcaaa gccatggcga ataaattttg cgaagagaaa 240
 ggcaacagcc gttatctgta tcgcctgttt ccgaaaggcc cggctaaaca ggcgacaaaa 300
 atcgccggcc tgccaaagcc ggtaaaatgc atttaa 336

<210> 125
 <211> 663
 <212> DNA
 <213> Enterobacter cloacae

<400> 125
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 gtgctgcgca atacctattt catgctcagc ctgacgctgg cgttttcggc gatcaccgca 120
 acggccagca ccgtactgat gctgccttct ccaggcctga tcctgacgct ggtgggtatg 180
 tacggtctga tggttcctgac ctacaaaacc gcggataaac cgggtgggat tctctccgcg 240
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 gcgggtatcg tgattgtact ggtcgggtatg ctggcgaaca tcttcctgca attgcctgcg 480
 ctgcatctgg caatcagcgc ggtgtttatc ctgatttcat ccggcgcaat cctgtatgaa 540
 accagcaaca tcattcacgg aggtgagacg aactatatcc gcgccaccgt gagcctgtat 600
 gtgtcgtgtg acaacatttt tgtcagcctg ctgagcatcc tgggcttcgg cagccgcgat 660
 taa 663

<210> 126
 <211> 282
 <212> DNA
 <213> Enterobacter cloacae

<400> 126
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 gatggcagcg tggaggttgt ggcctgcggg gaggcgcatc gggttgagaa gctggtggcg 180
 tggctgaaag cgggcggggc gcgcagcgcg cgggttgata aggtgctaac ggaaccgcat 240
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<210> 127
 <211> 1152
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (1)

<220>
 <221> unsure
 <222> (16)

<220>
 <221> unsure
 <222> (1109)

<220>
 <221> unsure
 <222> (1113)

<220>
 <221> unsure
 <222> (1151)

<400> 127
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 accgcaggga tctgtgctgc cagcacggca acctgggcgg ctaacgtgcc ggcaggaacc 180
 cagctggcag ataagcagga actggtcagg aacaacggca gtgaaccgcg ctcgctcgac 240
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 gtcagcgtct ctccggcagg tgaaatccag ccgcgcctgg cggagaaatg ggaaaataaa 360
 gacaacaccg tctggacgtt ccatctgcgc ccgggcatta cctggagcga tggaaacccc 420
 atcaccgcgg aagatattgt ctggagctgg cagcggctgg tcgaccgcga aaccgcctct 480
 ccgtatgcc a gctatcccgg tagtatgcgt atcgtcaacg gcactgatat cgcagaaggc 540
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 ctacgcgaac ctaacgcgcg tttcctggcg atgctggctc acccgtctct ggtgccaatt 660
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 ccgaaatatt gggataacga acataccgtc attaacaagg tgacctatct gccattttcc 840
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 gtgcgcaaag cgctgaacct ggcgctggat aaagacatta tcgccgataa agttataagg 1080
 cagggtcagc gcccgcatg gctcatcanc canccggata ttggcggcgt caagctccaa 1140
 aacccccgat na 1152

<210> 128
 <211> 948
 <212> DNA
 <213> Enterobacter cloacae

<400> 128
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 gaccgtgttt cacagatggc tgtaactggt atcggacgtg ttaaagcagc gatggagaat 120
 gaccttaaca aggttttcac cagctctgag aagggtctcg gacagttcaa tgcttctgta 180
 gctaacatgc tcaacgatgc ttcaccgatt cctgaggctt tagggcatat cctcgaaaag 240
 gttgcctcta tgacatctgg agcggttgac catgtagatg agtggagccg caaactctca 300
 gccctgattc tacgcacatc agcgtgggtat gatgacttat cagatgggca gaaaaagtta 360
 gtggatagtg ctgaacaatt tgctatcggg gctgctgggtg tggttggtgct ggttaagtct 420
 atcgctgggtg tggctaacaa gctgaaatgg cttagtgtct tgtaggtgg tgggtgctgaa 480

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ccaaacgctg	ttggtactgg	aaacccgatt	gctcaggttc	ttaactggct	tacaaacccg	660
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tttgctgtcc	cgtctatgta	taaccctgct	cagacaacta	tccgaaatga	ccaaagaatc	840
aatattagcg	ttaacatgga	ttctcaaaag	attggaacat	tccagacaca	ggttcttact	900
ggtggccttg	aagacctgaa	tattaacgct	gaacatttgg	gcgattaa		948

<210> 129

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 129

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cacgcctgct	gcatcatcaa	tttgctccgt	cttgcttgcg	ccgatgagca	cggatgtcac	120
cgcacgtggg	cgcaggatcc	aggccagtgc	catttgcgac	agcttttgcc	tccgtttttc	180
cgccagcgca	ttcagcttac	gtaccttttc	cagctttttg	tcggtgatct	gttccggatt	240
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ggtcacactgt	ccgcccgcca	ggggagagaa	ggggatacat	cccaccctt	tttgctgcaa	360
caagtcacgc	aacccctctt	caggcgcaacg	ttcaaactatg	gagtacttcg	gctgggtgat	420
caaacatggc	gtgccagat	cctccattat	ttcaatcgcc	tgccgtgcca	tttctgccgg	480
gtagttggac	agaccgatgt	acagcgcttt	gccctgacgc	accacatggt	caagcgcttt	540
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<210> 130

<211> 1047

<212> DNA

<213> Enterobacter cloacae

<400> 130

tgtaaacgta	tacacggatg	tttctttcca	gcgccagagg	tctcaciaaat	gggttatcag	60
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cttcccgcga	tctcggttgg	gctgtggcat	aattttggcg	acgcgacggt	gctcgaaaac	180
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aattacggcc	cgcttcttgg	ttcggccgaa	cgtaattttg	ggcgcatttt	gcaggaggat	300
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aagcgtatgg	ggctggagta	tgctgatata	ttctatcacc	accgcccgga	tccacacacg	480
ccgctacgtg	aaaccatgaa	agcgcttgac	catgtggtgc	gtcaggggcaa	agcgctgtac	540
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ctgggcacgc	catgtttgat	ccaccagccg	aagtactcca	tgtttgaaag	tgcgccctgaa	660
gaggggttgc	tggacgtgtt	gcagcaaaaa	ggggtgggat	gtatcccctt	ctctcccctg	720
gcggggcgac	agttgaccga	tcgctatctg	aacggcatcc	cggcggtattc	tcgcgcagca	780
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atcctgcgcc	acgatgcggt	gacatccgtg	ctcatcggcg	caagcaagac	cggacaaaatt	960
gatgatgcag	caggcgtgct	tgaaaattgt	cggttcacgg	cagaagagct	caagacgata	1020
gatacgatcc	tgtccagttc	agatttaa				1047

<210> 131

<211> 1392

<212> DNA

<213> Enterobacter cloacae

<400> 131

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actatcgctg	ctgacagcat	cgaaactgct	gtgaaaagcg	agctgggtcaa	cgtagcaaaa	120
aaagtacgta	ttgacggctt	ccgcaagggc	aaagtaccaa	tgaatgttgt	tgctcagcgt	180
tatggcgctt	ccgtgcgtca	ggatgtgctg	ggtgaactga	tgagccgcaa	ctttatcgac	240

gcgatcatca	aagaaaaaat	caatccagcc	ggtgcgccga	actacgttcc	aggcgaatac	300
aagcagggcg	aagacttcac	ctactccgta	gagttcgaag	tgtaccgga	agttgagctg	360
aaaggtctgg	aatctatcga	agttgaaaaa	ccgatcgttt	ccgtgaccga	cgaagacgtt	420
gacggcatgc	tggataccct	gcgtaagcag	caggcgaact	ggaaagagaa	agaaggcgct	480
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cctgaagaat	accacgctga	aaacctgaaa	ggtaaagcag	cgaagttcgt	tatcaacctg	720
aagaaagtgg	aagagcgcgga	actgccagaa	ctgactgaag	aattcatcaa	gcgtttcggc	780
gtggaagacg	gttctgttgc	gggcctgcgt	accgaagtgc	gtaaaaacat	ggagcgcgag	840
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aacgacatcg	acgttccctgc	tgccctgatc	gacagcgaaa	tcgacgttct	gcgccgtcag	960
gctgcacagc	gcttcggtgg	caaccagcag	caagcgatgg	aactgccacg	cgagctgttc	1020
gaagagcaag	cgaaacgtcg	cggttgtgtt	ggcctgctgc	tgggcgaagt	gattcgtacc	1080
cacgagctga	aagctgacga	agagcgtgtg	aaaggcctga	tcgaagagat	ggcttctgca	1140
tacgaagatc	catcagaagt	gatcgagttc	tacggttaaga	acaaagagct	gatggacaac	1200
atgcgcaacg	tcgcgtttga	agagcaggct	gtagaagcgg	tactggcgaa	agcgaaagtc	1260
accgaaaaag	agacctcttt	caccgaactg	atgaaccacc	agggcgtaat	ttcgccccaa	1320
cggtttaaag	ttttgaacaa	aaaacccgtt	ggcctcccgc	gcgacggggg	tttttttaat	1380
cacaagcttt	aa					1392

<210> 132

<211> 1092

<212> DNA

<213> Enterobacter cloacae

<400> 132

ggtctccacc	acgctgggga	tcccggttac	cgccgtgcgt	attgtcttat	tgctgacctg	60
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cattccccat	gtgacgcgca	tgtatgcgg	gccgggccat	cgctcgctcga	tcccgtgac	180
gtttctttatc	ggcgcccact	ttatgatcct	cgccgatatc	gtctcacgca	cgctgattgt	240
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gttgctttat	caaaaaccgaa	aggagcatcc	atgaatatta	ctgtggcccg	gttaaccgta	360
acccgacaag	cgcagacggg	gcttaagaat	atcgatctcg	acctgccatc	cgggcagatt	420
atcggcctgt	tagggccaaa	cggctcgggc	aagtcgacgc	tgtgcgctg	tctcgccggg	480
ctgtttccac	gactcagcga	acgcgtggcg	cttaatggca	caacgttcgg	catgatgccg	540
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acctcgcgcg	acgatgaggc	tgcggttgag	caggcgattg	gcctgatgca	gttatgccgc	720
ttacgccagc	ggcgatggca	ctctttgtct	ggcgagagc	gccagcgaag	ccagatagcc	780
cgcgcgctgg	cccagcagcc	gcaggtgctg	ttgctcgatg	aaccgacaaa	ccacctggac	840
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gcactgcacg	atctcaatct	tgcagccaat	tattgccagc	gtctgatcct	cctgaaggcc	960
gggcagatcg	ccgccacggg	cgcgcccga	gcggttctga	cgccggcaaa	cattgaggac	1020
acctggtgcg	taaaagctca	ggtctgcaaa	gccgacgccg	ggatcacgat	aagctacaac	1080
atggtggcat	ga					1092

<210> 133

<211> 558

<212> DNA

<213> Enterobacter cloacae

<400> 133

ctggctggca	ttgcggggcg	ccagctcttc	aacgccatga	ccgcgtacgt	cgctggcacg	60
tccgccaatg	ccgagcagtc	ccgtagcgtc	atgttctggc	tgtggaag	tctgagcggc	120
gtgcgtggc	ctgacgcgct	gctggcgctg	gccgttacgc	tggcgggttt	actggtgta	180
ttgtcttttt	cagggcgctt	ggacaccttc	accttcgggg	atgaggtctc	caccacgtg	240
gggatcccg	ttaccggcgt	gcgtattgtc	ttattgctga	cctgtgccat	tggtaccgca	300
acgctggtga	gcgccaccgg	cgcagtgggg	tttgtcgggc	tggtcattcc	ccatgtgacg	360
cgcatgctat	gcgggcccgg	ccatcgctcg	tcgatcccgc	tgacgtttct	tatcggcgcc	420
cactttatga	tcctcgccga	tatcgctctca	cgcacgctga	ttgtgcacca	ggttctgccc	480

atcgggggtgg tgactgcgct ggtggggcgcc cccgtctttg tggcgttgct ttatcaaaac 540
cgaaaggagc atccatga 558

<210> 134
<211> 402
<212> DNA
<213> Enterobacter cloacae

<220>
<221>unsure
<222>(4)

<400> 134
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atgcacaccc ataactttga cgcggtacgc tacgcctgga ttgccgatta cgacgatgcg 120
gcaaccttcc tgaacaactt ccgtaccggg gacagccaaa acaccactca gtacagcaat 180
ccggactacg atcggggcact ggtgaacgcg gcgaaatcga aaacggcgga ggagcgcggt 240
aaattctacc agcaggcaga agatctgctg ggacgggatg taccggcgat ccctgtttat 300
cattacgtgc gcacgcacct ggtgaaaaccg tgggtagggg gcttcacgcc agacaagctc 360
gggtactact acaccaaaga tatgtacatc aaaaagcact aa 402

<210> 135
<211> 576
<212> DNA
<213> Enterobacter cloacae

<220>
<221>unsure
<222>(123)

<220>
<221>unsure
<222>(201)

<220>
<221>unsure
<222>(212)

<220>
<221>unsure
<222>(215)

<400> 135
cttacttacg ataaaaataa tctaattgatt aaactttcca atatcaccaa agtgttccag 60
caggggaacc gaaccattca ggcgctgaac aacgtcagcc tgcattgttc tgctggctag 120
atntatggcg tcattggcgc atcgggtgca ggtaaaagta cgctgatccg ttgtgttaac 180
ctgcttgagc gcccaaccca ngggcagcgt anaanttggc ggccaggagc tcaccgctct 240
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aacctgctgg cctcacgctc cgttttcggt aacgttgctg tacccttgga gctggatttc 360
tcacctttag aagaaatttc gcgtcgcgtc tccgaactgc tcgatctggg tggctctggg 420
gataaacatg acagctaccc ggctaatttg tccggcgggc tttatctgcg agtatctatc 480
gctcgcgcgc tggctaacaa cccaaaagtg ctgctgtgcg atgaatcctc cagcgcatta 540
tatccggcta ccacgcgctc tattctggaa ctgtaa 576

<210> 136
<211> 483
<212> DNA
<213> Enterobacter cloacae

<400> 136
aaagacatta accgtcgtct gggcctgact atcctcctta ttacgcatga aatggatgta 60

gtgaaacgta	tctgcgactg	tgtagcagtc	atcagcaacg	gtgagctgat	tgagcaggac	120
acggtgagcg	aagtcttctc	gcacccgaaa	acgccgctgg	ctcagcagtt	cattcagtc	180
acactgcatc	ttgatattcc	ggaagattat	ctggaacgac	tgaaaacaga	agccgttgca	240
gacagcgttc	caatgctgcg	catggagttt	acgggtcagt	ccgttgacgc	accgctgctg	300
tccgaaaccg	cgcgtcgctt	taacgttaat	aacaacatta	ttagcgcgca	gatggattac	360
gccggtggcg	tgaagttcgg	cattatgctg	acggaaatgc	acggcacaca	ggaagaaacc	420
caggcggcaa	ttgcctggct	gcaagaacat	cacgtaaaag	tagaggtact	gggttatgtc	480
tga						483

<210> 137

<211> 614

<212> DNA

<213> Enterobacter cloacae

<400> 137

aggtactggg	ttatgtctga	gccgatgatg	tggctactgg	ttcgcggcgt	ttgggaaacg	60
ctggcaatga	ccttcgtatc	gggcttcttt	ggttttgtga	ttgggctgcc	ggtcggcgtg	120
ttgctgtacg	tcacgcgccc	gggtcaaatt	attgaaaacg	cgaagctgta	tcgcacgctc	180
tctgcgctgg	tgaacattht	ccggtctatt	ccgttcatta	ttctgctggg	gtggatgatt	240
ccgtttactc	gcgtgatcgt	cgggacgtcg	attggtttgc	aggcggcaat	tgtcccgtcg	300
acagtagggc	cggcaccggt	tatcgcccgt	atggtggaaa	acgcctcgct	ggaaatccca	360
acaggcctga	ttgaagcttc	ccgcgcgatg	ggtgcaacac	caatgcagat	cgttcgcaaa	420
gttctgctgc	cagaggcgct	gcctgggctg	gtgaacgcag	caaccatcac	gcttatcacg	480
ctggtcgggt	attccgcaat	gggcggcgcc	gtaggtgctg	gcgggttagg	ccaaattgga	540
tatcagtacg	gctatatattg	ctataacgct	accgtaatga	ataccgttct	ggtattgctg	600
gttgtgctgg	ttta					614

<210> 138

<211> 630

<212> DNA

<213> Enterobacter cloacae

<400> 138

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ccggtggcaa	aatctgtacc	cgcaattttt	ctcgatcgtg	acggcactat	taatgtggat	120
cacggttacg	tccatgagat	tgatgagttc	gaatttatcg	agggcgtaat	agatgccatg	180
cgccagttga	aagagatggg	ctatgcgctg	gtggtggtaa	ctaaccagtc	cggtatcgcc	240
cggggtaaat	ttaccgaagc	gcagttcgag	acgctgacgg	aatggatgga	ctggtctctg	300
gccgatccgc	gcgtcgatct	tgatggcatc	tattattgtc	cgcatacccc	gcagggaagt	360
gtagaggcgt	atcgtcagac	ctgcgattgc	cgtaagccac	acccgggcat	gtttatctct	420
gcacaggaat	tcctgcacat	tgatatggcc	gcattctata	tggtgggcga	taaactggaa	480
gatatgcagg	cagcaacggc	ggcaggtgta	ggtaccaaag	tattagtgcg	taccggtaaa	540
ccggtcacc	cagaagcaga	aaatgcagcc	gactgggtga	taactagtct	ggcagaactg	600
ccaaaagaga	ttaaaaagca	ccaaaaatag				630

<210> 139

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 139

cgacgctgga	aattcagtta	ttacccttta	tactgcccta	tcccattacc	gcgcggccat	60
tacgggttaa	acacatcgat	gagtcagact	gaaactaccg	ccccaaagca	attctccctt	120
ctaccgggca	gcataccccc	tttctttctt	ctgttgatcg	ttgtgctggt	agtcacaaatg	180
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gatatacccc	atgcggtgca	taagcgcatt	gatactggcg	gctatgcgac	ctggcaaatc	300
tacgacaata	tcgctgccgc	gcccgccacc	tcatacggcg	aaggggttga	ggaaacgcgc	360
cttaagcagg	atgtgtatta	ccttgaaaaa	ccgcagcgta	agacggaagc	cctgattttc	420
ggctcgcacg	acagcgccac	gcttgagatt	taccaacgga	tctcctccta	tctggacacc	480
ctgtggggcc	ccgaaaacgt	aaccgtgggt	ccatgtatta	cctga		525

<210> 140
 <211> 429
 <212> DNA
 <213> Enterobacter cloacae

<400> 140
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 ctggctggta tactggtatt agccccggta ttttccgcaa tggcggctcc tcaggctgca 120
 accggttgcg aagccaaacg ccagaatatt gaacaacaga tagaacacgc cagaacccat 180
 aataacgata atcgtgtagc gggcctgcaa aaagcgcttt ctgaacttaa cgctaactgc 240
 acggaggaag gattacgtgc tgaacgtcaa gctgatgttc gcgaaaaaga gcgtaagggt 300
 gaagagcgac gccaggagtt ggctgaggca caggctgacg gccgtactga taaaataagt 360
 aaaaaggaaa gaaaactgaa agacgctcag gctgagcttg atgaagccag aagtgtgttg 420
 aataataaa 429

<210> 141
 <211> 654
 <212> DNA
 <213> Enterobacter cloacae

<400> 141
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 ttctgtcagg taatagtgat tttttttcct gacaatgaaa atgatatgac cttatctgct 120
 ttaaaagccg ggtcactgct cctgctgatg atcctgtttt ataccggcct gttcacgagc 180
 gatcgcgta cctggttgat ggaggtgacg cccgtcatta tcatcatccc acttctgctt 240
 gccacacacc ggcgataccc tttgactccc cttctctata ctctggtttt cttccacgcc 300
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 caggagatgc tcgggcttag ccgaaatccg tatgacaagc tcggtcactt cttccagggg 420
 ctggttcccc cactggcagc gcgagaaatt ctgctgcgcg gtgggtatgt tcgtggacat 480
 aagatgacgg ggtttctggt gtgctgtggt gctctggcca ttagegccac ctttaactca 540
 ttgagtgggt ggctgctttg gcgatgggac aggggtgcga tgattttctg gggacgcagg 600
 gcgatccatg ggatacccag tctgatatgt tttgcgcgct gcttggtgcg ttaa 654

<210> 142
 <211> 189
 <212> DNA
 <213> Enterobacter cloacae

<400> 142
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 acggtgctga tccttgggcg tttccatcag cggcaattgc gtcgtttgaa tgtggatagt 180
 gcgctctga 189

<210> 143
 <211> 369
 <212> DNA
 <213> Enterobacter cloacae

<400> 143
 atgtgtcctc cgcggctggt gaaaacttgc ggggccgaaa tagccatctc catccctgcg 60
 catgtccgcc tggatgaggt ggcagaagcg ccgcctgccc tgaacgagcc cctgattgag 120
 gatgtccttc gcagcctgaa ggtgacccac gatcaggatg tacagctggc gcccgaaagc 180
 gtcgcgatgc ttccctctga cagccgctgt aacagctggc gaatcggggc ggtggatgag 240
 ctacccttg aaggaagcca gatcagttct ccagcgctgg acgaactgaa agccaaccca 300
 aaagcgcgta gcgcgctatg gcaacaaatt tgcaaatatg aacacgattt cttccctcac 360
 gacggctga 369

<210> 144
 <211> 492
 <212> DNA

<213> Enterobacter cloacae

<400> 144

aagccaaccc	aaaagcgcg	agcgcgctat	ggcaacaaat	ttgcgaatat	gaacacgatt	60
tcttccctca	cgacggctga	cctgaccacc	gcgttcgcga	ttgaaaccgc	cgcccatgcc	120
tttccgtgga	gcgaaaagac	gtttgccagc	aatcaggggc	aacgctat	aaatctccgc	180
ctggacgttg	acggtgcgat	ggctgcgttc	gccatcacgc	aggtcgttct	ggacgaggcg	240
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cgcgcgtcca	atgtcgccgc	catcgcgctc	tatgaaagct	taggcttcaa	cgaggcgact	420
atccgcgcta	actactacc	caccgcagag	ggacgtgaag	acgccattat	catggctctg	480
ccgattggat	aa					492

<210> 145

<211> 351

<212> DNA

<213> Enterobacter cloacae

<400> 145

gaagaattga	ttatgacgtt	gtctccttat	ctgcaagagg	tggccaaacg	ccgcactttt	60
gccattatct	cgcacccgga	tgccggtaaa	acgaccatca	ccgagaaggt	gttgctgttc	120
ggacaggcga	tccagaccgc	gggtaccgtt	aaaggccgtg	gctccagcca	gcatgctaaa	180
tccgactgga	tggagatgga	aaagcagcgt	ggtatttcga	ttaccacctc	cgtgatgcag	240
ttcccgatc	acgactgtct	ggtgaacctg	ctggacaccc	cggggcacga	agacttctcc	300
gaagatacct	accgtaccct	gacggggccg	gaggtcttca	cttcggattg	a	351

<210> 146

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 146

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ccattatcat	ggctctgccg	attggataac	gaaaataagg	ttgtaacgat	gaaatgggac	120
tggattttct	ttgatgccga	cgaaacgctg	tttacgtttg	actcgttcgg	cggcctacag	180
cggatgtttc	tcgactatag	cgtgacgttc	accgcggaag	attttcagga	ctatcaggcg	240
gtgaacaaac	cgtctgtggg	ggattaccag	aacggagcca	tcaccgcgtt	acagcttcag	300
catcagcgtt	ttgacgtgtg	ggctgaacgg	ttaaacgtga	gtcctggggg	gctgaacgag	360
gccttcctga	atgcgatggc	ggatatctgc	gcgcgcgtgc	ccggcgccgt	ttctttgctg	420
gattcgctga	aagggaaagg	gaagcttggg	atcattacca	acggctttac	cgcgcttcag	480
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gaggtggggc	taccgaagcc	ggatccgcgt	attttcgatt	atgcgttggc	gcaagcgggc	600
aatcctgacc	gcgatcgcg	gctgatgggt	ggggatacgg	cagaatctga	tattctggga	660
ggtatgagat	cgggcctgtc	gaccgtctgg	ctgaatgcgc	atggccgcat	gctgccggaa	720
ggcatcgagc	cgacctggac	cgttacgtca	ttgaacgaac	tggagcagct	cctgtgtaaa	780
caatga						786

<210> 147

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 147

aaacctaacg	acaggctcct	gaaaaggagt	gtttttttca	tgtccaggtc	gcttttaacc	60
aacgaaacca	gtgaacttga	tttgctggat	caacgtccat	ttgatcagac	cgacttcgat	120
attctgaaat	cctacgaagc	ggtagtggac	gggttagcga	tgctcattgg	ttcccactgc	180
gaaatcgat	tgcattccct	gcaagatctt	aagtgttcgc	ctatccgcat	tgcgaatgg	240
gagcacactg	gccgtaaaat	tggttcgcca	atcaccgacc	ttgcattgcg	tatgttgcat	300
gacatgaccg	gcgcggacag	cagcgtctca	aaatgctatt	tcacccgcgc	caaaagcggc	360
gtgctgatga	aatcagaaac	gatcgcgatt	cgaaaccgcg	aacaccgggt	aatcggtttg	420
ctgtgcatca	acatgaacct	tgatgtgcc	ttctcgcaaa	tcatgagcac	cttcatccc	480

ccagaaacgc	cggacgtggg	ctcatcggtg	aactttgctt	cttcggttga	ggatctcgtg	540
acccagacgc	tggagttcac	cattgaagaa	gtgaatgccg	atcgcaacgt	atccaacaac	600
gccaagaatc	gtcagatcgt	cctgaacctc	tatgagaaag	ggattttgat	atccaagatg	660
ccatcaaccc	agtggcccga	tcgcctgaat	atctcc			696

<210> 148

<211> 684

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(28)

<400> 148

cgaccagaaa	tccgctacgc	actggggngt	tttctgggtc	gttacatgga	aaactctctg	60
aaagaacaag	agaaactggg	catcaaactg	gacaaaaacc	agctgatcgc	aggggtccag	120
gatgcgttcg	cagacaagag	caaactgtct	gaccaggaaa	tcgagcagac	tctgcaagcg	180
tttgaagcgc	gcgtgaaagg	cgccgctcag	accaagatgg	aagcagatgc	taaagataac	240
gaagcgaaag	gcaaagccta	ccgcgacaag	ttcgctaaag	agaaaggcgt	taaaacgtct	300
tctactggcc	tgatctataa	ggttgagaaa	gaaggtactg	gcgacgcgcc	taaagacagc	360
gacaccgttg	tggtgaaacta	caaaggtagc	ctgatcgacg	gtaaagagtt	cgataactct	420
tatacccggtg	gtgagcctct	ctccttccgt	ctggatgggtg	tgatcccggg	ctggaccgaa	480
ggcctgaaga	acatcaagaa	aggcggtaaa	atcaagctgg	tcatcccacc	ggatctggct	540
tacggcaaaa	ccggcgttcc	gggtatcccc	gctaactcca	cgctggtatt	tgatgtagaa	600
ctgctggaca	tcaaaccggc	gccgaaagcg	gatgcgaaaa	cagacgcacc	ggctgacgac	660
aaagccgcag	cagctaagaa	gtaa				684

<210> 149

<211> 1331

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(12)

<400> 149

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accgttttgaa	agctattctg	attcatggcg	tgaacgtggt	tacattgact	gaccagaagc	120
aatacacctc	cgaatcactg	aacagtgcaa	tggacttgat	aatgtctatc	ctgaccgctc	180
aaagagcgca	tgaagaaagt	cagtcaaagt	ctaagaggat	gcgtgaagta	tgggctaaaa	240
aacgaacaga	ggcagaggaa	agcggaaaga	ttatcactaa	gtcgtgtcct	cgttgggttaa	300
ccgtgaacag	tgaccgtaca	ggctttgaac	ctatacctga	acacgttgaa	tcaatccggc	360
ttatgttcga	aatgaggcta	tcagggaag	gctttgcagg	tatcgcacag	gctctaaacg	420
agtctggaag	attgaccctt	acaggacgct	ctaaagggtg	gaatcagtca	tctgtacagc	480
agctttttaag	taacaaggct	ctgatagggt	acaagatacc	atcccgtaaa	gctgtggtga	540
attacattga	gatacccgac	tatttccct	ctgtgattcc	tcttgaacag	tttcaacagg	600
ttcagttaat	cggtgcagat	aagcagggac	aaagggcagc	taatgaccgc	cctatgaatg	660
ttaacctgtt	caggggtgta	atgaagtgcg	ctgaatgtgg	tgcaactgtg	attgttagcg	720
gggtggatga	taaaagggtc	ggttattatt	cttgcctcatt	cagacggtta	ggacgctgta	780
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caaagagggc	agacttaaca	gaacgctctc	agaagctggt	agcagccctt	gaaatagctg	960
atgatgtcac	agccatagcc	acacgcttaa	aagctgtcac	agatgagatt	aaagccattg	1020
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gtatggattt	aaccgtcaaa	tctcaaaggg	agagagttca	gttactgggt	aagaaaacct	1140
tcagagaaat	caacttagac	gctcatcagaa	agacgggttaa	cgtttatctt	cacaatgggc	1200
ttacattgct	taatgttccg	gtaaatcaga	ttgtggatgc	tggagagtgg	atagaaggtg	1260
tacccgat	tggtggcgat	acagtagact	tcaaagacat	cagcttcaaa	gcccctcggt	1320
accttgatta	a					1331

<210> 150
 <211> 669
 <212> DNA
 <213> Enterobacter cloacae

<400> 150
 gggtcgacca tgtatcaaca tcataactgg caaggtgcat tactggatta tcccgtcagc 60
 aaagtggctc gcgtgggcag caactatgca aaacatattc aggagatggg cagcgccgtg 120
 ccggaagagc cggttctgtt tattaagcca gaaaccgcac tgtgcgatat tccgagccg 180
 ctggttctgc cgcagggact gggctcgggt catcatgaag tggagctggc ggtgctgac 240
 ggcgcgacgc tgcgccaggc gaccgaagag catgtagaga aagcgattgc gggttacggt 300
 gtcgcgcttg acctgacgct gcgtgatgtt cagggcaaaa tgaagaaagc ggggcagccg 360
 tgggaaaaag cgaagggttt tgataattca tgcccgatatt ccggtttcat tccggtgagt 420
 gaatttaccg acgatccgca gaacacgccg ctacgcctga aggtcaacgg cgagatccgc 480
 cagcagggaa cgaccgctga catgatccat aagatcgttc cgctgattgc ctacatgagc 540
 cgcttcttca ccctgaaacc tggcgacgtg atcctcaccg gcaactccgga aggtgtgggg 600
 ccgctgctta gcggcgacga actggatgtc agttttaacg gcctgtcgct gaaaaccgcg 660
 gtgctgtaa 669

<210> 151
 <211> 402
 <212> DNA
 <213> Enterobacter cloacae

<400> 151
 catcctggcc ttactcaatt tgctattaac cgcaacacat cgccgcgata ttccgaagag 60
 tatcaggcat gttatagtcg ggagtatatt gaggcaagca accaccggtt aattcagagt 120
 aaaaacatgt tttgtgtgat ctacagaagt accagccgcg accagaccta cctttatgtc 180
 gaaaagaaa acgatttttc ccgcgtgcct gaagaattaa tgaaaagctt tggccgaccg 240
 cagctggcga tgctgtgcc gctggacggc cgtaagaagc tggatgaacgc cgatctggag 300
 aaagtcaaaa aggcgttaac cgagcagggc tattatttac agcttccgcc gccaccggag 360
 aatttattaa aacagcatct tgagggtgagc ggaaagaaat aa 402

<210> 152
 <211> 726
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (681)

<220>
 <221> unsure
 <222> (717)

<400> 152
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 accacctcca gcgcggccat cgctactggt ttggcccaga agggaaagaa aaccgtcgta 120
 atcgacttcg atatcgggtc gcgtaacctg gacctgatca tgggttgcca gcgtcgcgtg 180
 gtgtatgact tcgtgaacgt cattcagggc gatgccaccc ttaaccaggc gctgattaaa 240
 gataagcgta ccgagaacct ctacattctt ccggcgtccc agaccggtga taaagacgcc 300
 ctgacccgcg aaggcgtgga aaagggtgctc gacgatctga aaaagatgga gttcgacttt 360
 gtggtctgcg actccccggc cggatatcgaa accggcgcgc tgatggcgct ctacttcgcg 420
 gatgaagcca tcatcaccac caaccgggag gtctcgtcag tacgtgattc cgaccgtatt 480
 ctcggcattc tggcctcgaa atcccgtcgc gcggaaaatg gccaggagcc aatcaaagag 540
 cacctgctgc tgaccgcgta caaccgggac cgggtgaaca aagggtgacat gctgagcatg 600
 gaagacgtgc tggagatcct gcgcatcaaa ctggttggcg tgatcccgga agatcagtc 660
 gtgttgccgc cctctaacca nggcgagccc ctgatcctgg atacacaggc agaagcnggt 720
 aaagcg 726

<210> 153
 <211> 807
 <212> DNA
 <213> Enterobacter cloacae

<400> 153
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 tcgcggcgat gtgttgcggt taatagcaaa ttgagtaagg ccaggatgtc aaatacgccc 120
 atcgagctta aaggcagtag cttcacctta tcagtggttc atttgcatga tgcaaaaccc 180
 gaggttattc gtcaggcggt agaagacaaa atcgcgcagg ctcccgttt tcttaagcat 240
 gctcctgtcg tcgtcaatgt aagcgacctt gaggggcccg ttaactggaa gcggctccag 300
 caggccgtca cctccacggg gttgcgcata gtgggcatta gcggctgcaa agacgcagag 360
 ttaaaagccg aaattgaacg cgcggttttg cccttgtaa acgagggcaa agaaaaagcc 420
 ccacgtgcaa cgctgcaac cgttcccgtc ccccgccctc cggcgcaaaa ttagcccca 480
 gtcacaaaaa cgcgattgat tgatctgccg gttcgttccg gtcagcgcat ttatgcgcca 540
 aactgtgatc tgattgttac aagccacgtc agtgcgggcg ctgaactgat tgcagatggc 600
 aatattcacg tttacggtat gatgcgtgga cgtgcgcttg cgggcgccag cggcgatcga 660
 gaagcacaaa tttttgttac tcacctgacg gcagaactgg tgtctatcgc aggtgaatat 720
 tggtgagcg ataaaatccc agccgaattt tatggcaaag cggcccgtct gcaactggca 780
 gataacgctt tgaccgttca accgtga 807

<210> 154
 <211> 1848
 <212> DNA
 <213> Enterobacter cloacae

<400> 154
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 cacgattaa tgaatagaaa aatttacaat aatgtaaaaa tatttatgat tgcctggcg 120
 ttaagcctga ttacgatccc cttttccgt tatactctcc cgcgcgctat cgtcaacgaa 180
 aatgatgttt atttagcgtg gttgccctta agcgccatgc tcgccatcgt attgttattt 240
 ggacgtcggg caatcattcc tttactgatt ggatttagtg ttactaacat ttattacttt 300
 gatttagcat tactacaatc ttccgtgtta ttaatttgtc agacgtttgc cgtcttcgct 360
 gcctgtggcg tcatccgtct gatgctgggc aaacgctggc gacacagcat cccgaataag 420
 tacatcggga tacgtatttt ctggctcgga tttgtggttc ctgtaggcac caaattatcg 480
 atgtatctgg cgggatattt atttgatttt ccggtgacaa tctcctccta tttcggcgaa 540
 ggctctgcaa tttataacgt tatcgatatt caaagcctga tttgtgcgc cctgattttc 600
 accatgatgt tctactacc gtttaagaatg ataattaatc cccggtatgc ccgaacattc 660
 tggcggcgaa gcgtgaagcc cctcttttgt cacaaaaaag tgttatttat cgttgtgtgg 720
 ctgatgctgt tggctctgat gatcgctatt ttgtgcgcgc ctttcgagtc acagtttatt 780
 gctggttatt tgatgccaat cgtttttatt ctttttacc tggggattgg tcgtctgagc 840
 tatgcgctca tctctttact ctgggcggcc tcggcgctca tgctgttgac ctacaattat 900
 aattttctta atggcggtga atcgggccac tcgctctcct ttatcttgtc ggtactgatc 960
 tctttcgcca tctgcctgct ttacatgtcg cggatctatc agaaaagtga atggctgaaa 1020
 caggggtggc aggagagggc gcttaccgat ccgctcaccg gtctgcctaa cattcgtgcg 1080
 ctggaagtgt ttttacagca ccattcccga gccaaaatct gctgcctgcg cctggataat 1140
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 accgcgtcgc tgcaaccgtt attgcaaaaa gacgagaagc tctttcagtt gccaggcagt 1260
 gagctggtgg tggctctgtt ggggcccggc acggctgaac gtctgcaata tatggttgat 1320
 catctgaaca gccgtaagat tgtctggaac aagactgagc tcgacattga gtttgccgcc 1380
 tcctggggcg aagtaccgga tggggaaagc ctgcaccaca cgctgggtca gctgagctgg 1440
 ctgtccgagc aatcctgtgg cgggcataac gttctggcgt taaccaacag tctggatgat 1500
 gtctctggtc agacgacgga cagggtgcta atgctggccc gcataaaacg cgcccttgat 1560
 atcggcggtc ttcaccttta cgcccagcca attcacacag cccgcgggga aaggtaattc 1620
 gacatcccct ccacgttggg aagcgatggc gagattctcc accccgaccg gcttattccg 1680
 ccgatggctc aattcaacct gaacccccg tttgactcga acttttgaa caaatgtgga 1740
 tgctgattcg ccaccacccc tctcgaactg atcgaaagcc ctcccgtca aactgatgcc 1800
 ctgaacctca agcaacataa aatgggggag aaattcttcg ccttttga 1848

<210> 155

<211> 1506
 <212> DNA
 <213> Enterobacter cloacae

<400> 155
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 ctgggtttta ccgtcgcgat tgaaagcggc gcgggcacac tggcgagttt cgatgacgag 120
 gcctttactc aggctggcgc ggacgtcgtg gacggtgctg aggtctggca atcaccatc 180
 attctgaagg taaacgcacc ggaagagggg gaaattgaac tgctgaacgc gggcactacg 240
 ctggtgagct ttgtctggcc agcccaaaac ccggagttga tggagaagct ggcggcacgc 300
 ggtgtcaccg tgatggcgat ggactccgtg ccgcgtattt cgcgcgcgca gtctctggat 360
 gcgctgagct ccatggcgaa cattgccggc tatcgcgcca ttgtcgaagc tgcgcatgag 420
 tttggtcgtc tctttaccgg tcagattacg gcggcaggta aagttccacc cgcgaagggtg 480
 atggtgattg gtgccgggtg ggcagggtctt gctgctatcg gggccgcaaa cagcctgggc 540
 gctattgttc gcgcgtttga taccgcggccg gaagtgaagg agcagggtgca gagtatgggc 600
 gccgaattcc ttgagctgga cttcaaggaa gaagcgggca gcggtgatgg ttacgcgaag 660
 gtcattgtctg aagcctttat caaggcggaa atggcgctct ttgcggcgca ggcaaaagag 720
 gtagacatca ttgtcaccac cgcgcttatt ccgggtaaac cggcgccgaa gctgatcacc 780
 cgtgagatgg tggattccat gcagccgggc agcgttatag tcgatctggc ggcgcaaaac 840
 ggcggttaact gtgagtatac cgtgccaaat caggtcacga cgaccgcgaa cggcgtgaag 900
 gtgatcggtt ataccgacct gccaggcgct ctgccaaccc agtcctctca gctgtacggc 960
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 gattttgatg atgtgggtgt gcgtggcggt accgtggtgc gtgaagggga aatcacctgg 1080
 cctgcaccgc cgattcaggt ttccgctcaa cctcaggctg cgccgaaagc ggcaccagag 1140
 cccgcggagc cagcaaaacc tgcgtcgccg tggcgcaaat acgccatcat ggcgctggtc 1200
 ataatcctgt ttggctggct ggcgacgtc gcgcgcaaaag agttccttgg ccacttcacc 1260
 gtcttcgcgc tctcctgcgt ggtgggttac tacgtcgtgt ggaacgtttc ccatgcgctg 1320
 cataccccgc tgatgtcggg caccaatgcc atctccggga ttatcgtggg cggggcattg 1380
 ctgcaaattg gtcattggcg ctggatcagc ttcctgagct tcattgcggg gctgatcgcc 1440
 agtatcaata ttttcgggtg tttcaccgtg actcagcgca tgctgaaaat gtttcgtaaa 1500
 ggctaa 1506

<210> 156
 <211> 579
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(39)

<220>
 <221>unsure
 <222>(172)

<220>
 <221>unsure
 <222>(195)

<220>
 <221>unsure
 <222>(247)

<400> 156
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 gaggttgccg acggtaaatg ggcgctgctg acttcgggtt ccaaaagctt tcacattccg 120
 gcgctgacgg gcgcctgggg gcttttcgcc gatgacgcca gccgtaacgc cnatctgaat 180
 gcattaaaaa gtcgngacgg actctcttcc ctttccgtgc tggcgctgac cgcgcatatt 240
 gctgctnacc gacagggcga accctggctg gacgcgctgc ggacctatct cgaagagaat 300
 ctgcggtatg ttgctcgcga attaaacagt gcttttccgg cactcagctg gcaaccacct 360
 gaggtacatc atcttgccct gatcgacctc agcccgtcgc gtattgacga caatacgctg 420

caaaaggtgc	ttattgagca	gcaaaaagtg	gccatcatgc	cgggatatac	ctatggagcc	480
gaagggaag	gctacgttcg	tctgaacgcg	ggttgccccc	gtagtaagct	tgaacagggc	540
gttcagcgcc	tcctcgcggg	catcaacacg	ctgctgtaa			579

<210> 157

<211> 1011

<212> DNA

<213> Enterobacter cloacae

<400> 157

ccagcaaaga	gtgcgaccat	gattgataca	cgctgcctt	taactgatat	tcaccgccac	60
ctcgacggaa	acattcgtgc	ccaaaccatt	ctcgatcttg	gtcgccagtt	caatttaacc	120
ctccctgccg	aaacgcttga	aaccctgata	cctcatgttc	aggtcacgtc	gaacgaaccg	180
gatctggtga	gctttctgag	caagctcgac	tggggcgtga	agatgctggc	ctcggtcgat	240
gcctgtcgcc	gtgtcgcctt	tgaaaacatc	gaagatgccg	cgcgcaacgg	cctgcactat	300
gtcgaactgc	gtttctcccc	gggctatatg	gcgatgacct	acaatctccc	cgtagcgggc	360
gtggttgaag	cggtcattga	aggcgtgcgt	gaaggctgca	aaacctttga	cgttcaggcg	420
cgtttgatcg	gcattatgag	ccgtaccttc	ggtgaagcgg	cctgtcttca	ggagctggaa	480
gcattactgg	cgcatcgcca	ccagatcacc	gccatcgacc	tggccgggtga	cgagctgggc	540
ttcccgggca	gctgttccct	gtctcatttc	aaccgcgcac	gtgatgcagg	atggcatatt	600
accgttcata	caggcgaagc	cgcggggccg	gaaagcatct	ggcaggccat	tcgtgaactg	660
ggtgcggaac	gtattggtca	cggcgtgaaa	gccattgaag	atcgcgcgct	gatggatttc	720
ctcgccgaac	aacgtattgg	aatcgaatcc	tgcctgacct	ccaatattca	gaccagtaca	780
gtggcatcgc	tggcgcaaca	cccgctgaaa	accttccttg	aacacggggg	gctggcttca	840
ctgaacacgg	acgatccggc	ggttcagggc	gtggatatta	ttcacgaata	caacatcgcc	900
gcgccgcagg	ccgggctgag	ccgcgagcag	atccgtcagg	cgcaaataca	cgggctggag	960
atcgcccttc	tgatcttcac	cacgcgggcc	gaaagatcca	cgctatgcgt	t	1011

<210> 158

<211> 399

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (376)

<400> 158

cgcgatcaac	gggcaggaaa	cattccccctt	tcgtgcatgg	caggcgacaca	cgagttcaga	60
cagcacgggt	tccatgcgcg	ccaagtcggc	catcttctcg	cgcacgtcct	tgagcttggt	120
ttcggccagg	ctgctggcct	cctcgcagtg	ggtgccatcg	tcgagccgca	acagctcggc	180
aatctcgtcc	agactgaacc	ccagccgctg	tgccgatttc	acgaatttca	cccgaaccac	240
gtccgcctcc	ccatagcggc	ggatgctgcc	gtaaggcttg	tccggttccc	gcaacaggcc	300
cttgcgctga	tagaagcgga	ttgtctccac	gttgaccccg	gccgccttgg	caaaaacgcc	360
aatggtcagg	ttttcnaaat	tattttccat	atcgcttga			399

<210> 159

<211> 297

<212> DNA

<213> Enterobacter cloacae

<400> 159

ggcatagctg	accttgccag	gcctgcttcg	ccctgtagtg	acgcgatcaa	cgggcaggaa	60
acattccccct	ttcgtgcatg	gcaggcgcac	acgagttcag	acagcacggg	ttccatgcgc	120
gccaagtcgg	ccatcttctc	gcgcacgtcc	ttgagcttgt	gttcggccag	gctgctggcc	180
tcctcgcagt	gggtgccatc	gtcgagccgc	aacagctcgg	caatctcgtc	cagactgaac	240
cccagccgct	gtgccgattt	cacgaatttc	acccgaacca	cgtccgcctc	cccatag	297

<210> 160

<211> 339

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(41)

<220>

<221>unsure

<222>(214)

<220>

<221>unsure

<222>(217)

<220>

<221>unsure

<222>(218)

<220>

<221>unsure

<222>(219)

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<222>(229)

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<222>(230)

<220>
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<222>(231)

<220>
<221>unsure
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<220>
<221>unsure
<222>(233)

<220>
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<222>(234)

<220>
<221>unsure
<222>(235)

<220>
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<222>(236)

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<222>(238)

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<220>
 <221>unsure
 <222>(246)

<220>
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<220>
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 <222>(254)

<400> 160	
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ttgactccgt acatgagtac ggaagtaagg ttacgctatc caatccaaat tcaaaagggc	120
caacgtatgt ctgaaccaac aaaacggcgc ggtgcgctct tcgcccgcgg gctggccggc	180
attcttgcat cgacctgctg cctggggggcg ctantannnn nnnnnnnnnn nnnnnnnnnn	240
nnnnnnnnnn nnnnacaacg ttttctgcct ctgaagcctc cttttattgg tctcaaaatg	300
ttctttgggt cacaatttct gccagcgggtg aaggaataa	339

<210> 161
 <211> 663
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(30)

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 <222>(31)

CCGCGCCGCCTTGGCAAAAACGCCAATGGTCAGGTTTTCNAAATTATATTCCATATCGC

<220>
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<221>unsure
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<222>(45)

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<221>unsure
<222>(46)

<220>

<222> (62)

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<221> unsure

<222> (63)

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<221> unsure

<222> (64)

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<221> unsure

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<220>

<221> unsure

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<220>

<221> unsure

<222> (243)

<400> 161

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nnnnnnntan	tagcgcccc	aggcagcagg	tcgatgcaag	aatgccggcc	agcccgcggg	120
cgaagagcgc	accgcgccgt	tttgttggtt	cagacatacg	ttggcccttt	tgaatttgga	180
ttggatagcg	taaccttact	tccgtactca	tgtacggagt	caagcgatat	ggaaaataat	240
ttngaaaacc	tgaccattgg	cgtttttgcc	aaggcgggccg	gggtcaacgt	ggagacaatc	300
cgcttctatc	agcgcaaggg	cctggtgctg	gaaccggaca	agccttacgg	cagcatccgc	360
cgctatgggg	aggcggacgt	ggttcgggtg	aaattcgtga	aatcggcaca	gcggctgggg	420
ttcagtcctg	acgagattgc	cgagctggtg	cggctcgacg	atggcaccca	ctgcgaggag	480
gccagcagcc	tggccgaaca	caagctcaag	gacgtgcgcg	agaagatggc	cgacttggcg	540
cgcatggaaa	ccgtgctgtc	tgaactcgtg	tgcgcctgcc	atgcacgaaa	ggggaatgtt	600
tcctgcccgt	tgatcgcgtc	actacagggc	gaagcaggcc	tggcaaggtc	agctatgcct	660
tag						663

<210> 162

<211> 960

<212> DNA

<213> Enterobacter cloacae

<400> 162

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accccaaaca	acgccattgc	gtttgccaaa	atcgctcgatg	agattggcct	gccgaaaggc	120
gtctttaacc	tgggtgctggg	ccggggtgaa	accgtcggac	aggagctggc	cgggaatccg	180
aaagtggcga	tggtcagcat	gaccggcagc	gtcggggcag	gtgaaaagat	catggctgcg	240
gctgcgaaaa	acatcaccaa	agtggggctg	gagctggggc	gtaaaagcccc	ggccatcgtg	300
atgggcgatg	ccgatcttga	gctggccgtg	aaggccattg	tggattcacg	cgatcatcaat	360
accgggcagg	tgtgtaactg	cgcggaacgt	gtctatgtcc	agaaggggat	ctacgaccgc	420
tttgtaatc	gtctgggcga	ggcaatgaaa	gccgtccagt	ttggcaatcc	ggctgagcga	480
acggatatgg	ccatggggcc	gctgatcaac	gccgccgcgc	tggagcgcgt	ggagcagaag	540
gtggcgcgcg	cggtgcagga	gggggccaaa	gtggtccttg	gcggtaaagc	ggcagaaggt	600
aaaggggtatt	tttatcccc	aacgctgctg	ttggacgtgc	gtcaggatat	ggccatcatg	660

cacgaagaga	cctttggccc	ggtgctgccg	gtggtggcct	tcgacaccct	ggaagaggcc	720
ctgaacatgg	ccaacgacag	cgactacggt	ttaacctcgt	ctgtttatac	gcaggacctg	780
aacgtcgcca	tgaaagccat	taaggggcct	aagttcggcg	agacctacat	taaccgtgaa	840
aactttgaag	cgatgcaggg	cttccatgcg	ggctggcgga	aatccggaat	cggcggggca	900
gatggtaaac	acggtctgaa	tgagtatttg	cagacgcagg	tggtctattt	acagtcgtaa	960

<210> 163

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 163

tcaggagccc	cctccatgcg	aggggggttca	cattttcagg	aaaggtgggt	atgtttggcg	60
gataatgggt	atztatcggg	aaacaacatg	cgcacaaaat	atacgggtct	gcaaatacag	120
attcactggc	tggtttttct	gttagttatt	atggcctatt	gcgccatgga	gttcatggga	180
tggttcccg	gaagcgatcg	tccgctcatt	aatatgatcc	acgtttcctg	cgggatcagc	240
atcctggtgc	tgatggtggc	gcgcctgctt	atccgcctca	aattcccggc	tccgcctatt	300
caaccgaaac	caaaagcgat	gatcaccggg	ctgtcccata	tggggcatct	ggttatctac	360
ctgctgttca	ttgccctgcc	gctgatctgc	atggtgatga	tgtataaccg	gggaaatgac	420
tggtttgcgt	tttggcctga	ctaa				444

<210> 164

<211> 204

<212> DNA

<213> Enterobacter cloacae

<400> 164

tgtataaccg	gggaaatgac	tggtttgcgt	tttggcctga	ctaataccga	tgccgctgaa	60
gggaattttg	acctggtgga	taccctaaaa	acgtggcacg	tgaacctggc	gattctggga	120
aattccctta	ttggtttgca	cccccttgcc	ccgtgaatc	ctccctattt	ccttgaaaag	180
acaacacccc	tgctgcccc	ttaa				204

<210> 165

<211> 345

<212> DNA

<213> Enterobacter cloacae

<400> 165

atccacaatg	gccttcacgg	ccagctcaag	atcggcatcg	cccatcacga	tggccggggc	60
tttaccgccc	agctccagcg	ccactttggt	gatgtttttc	gcagccgcag	ccatgatctt	120
ttcacctgcc	ccgacgetgc	cggtcatgct	gaccatcgcc	actttcggat	tcccggccag	180
ctcctgtccg	acggtttcac	cccggcccag	caccaggtta	aagacgcctt	tcggcaggcc	240
aatctcatcg	acgatttttg	caaacgcaat	ggcgttggtt	ggggtaaatt	cgctcggttt	300
gataacgatg	gtgttgccgg	tgatcagcgc	gggagcaagc	ttacg		345

<210> 166

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 166

acacgttccg	cgcagttaca	cacctgcccg	gtattgatga	cgcgtgaatc	cacaatggcc	60
ttcacggcca	gctcaagatc	ggcatcgccc	atcacgatgg	ccggggcttt	accgcccagc	120
tccagcccca	ctttggtgat	gtttttcgca	gccgcagcca	tgatcttttc	acctgccccg	180
acgctgcccg	tcatgctgac	catcgccact	ttcggattcc	cggccagctc	ctgtccgacg	240
gtttcacccc	ggcccagcac	caggttaaag	acgcctttcg	gcaggccaat	ctcatcgacg	300
attttgga	acgcaatggc	gttggttg	gtaaattcgc	tcggtttgat	aacgatggtg	360
ttgcccgtga	tcagcgcggg	agcaagctta				390

<210> 167

<211> 735

<212> DNA

<213> Enterobacter cloacae

<400> 167

tgctgaactg	actcacctgg	ccatttcgcca	tggtttgtgc	aatgcggagt	cgtaaataag	60
tcagtgagt	aagcggttga	ttcaaaagca	tttctgaaaa	ccgtcaccag	ccagccgggc	120
gtctaccgaa	tgtacgacgc	tggcggtagc	gttatctatg	tcggtaaggc	aaaagatctg	180
aaaaaacgcc	tttccagcta	tttccgcagc	aaccttgcc	cccgtaaaac	cgaagcgctg	240
gtcgcactta	tacacaacat	tgatgtcacc	gtgacgcaca	cggaaacgga	agcgctgctg	300
cttgagcaca	actatatcaa	gctgtatcag	ccgcgctaca	acgtcctgct	gcgcgatgat	360
aagtccctacc	cgtttatctt	cctgagcggt	gatacccatc	ctcgcctggc	gatgcacgtg	420
ggcgctaagc	atgcgaagg	tgaatacttt	ggccctttcc	cgaacgggta	tgccgtacgc	480
gaaacgctgg	cgctgttgca	aaaaatcttc	ccggttcgcc	agtgtgaaaa	cagcgctctac	540
cgcaaccgtt	cccggccgtg	cctgcaatat	cagattggcc	gctgcctggg	gccgtgcgtt	600
gaagggctgg	taagcgaaga	agagtacgcg	cagcaggtgg	aatatgtccg	cctgttttta	660
gccgggaaag	acgatcaggt	gctgacgcaa	ctgattactc	gtatggaaaa	agccagcgcg	720
gcgctgggaa	tttga					735

<210> 168

<211> 240

<212> DNA

<213> Enterobacter cloacae

<400> 168

caacagacag	ttaccgtcat	catgcgattt	aatatcccta	cggttgcctac	tctcttttcgc	60
gttgtgtca	ttccgttctt	cgctcctggca	ttttacctgc	cggtcgtctg	ggcgccctttt	120
gcctgtgcgc	ttattttcc	gatcgctgcc	gtgacggact	ggtttgacgg	ttatctggcg	180
cgtcgctgga	accagagcac	ccgctttggc	gccttcgtct	tgccgcacag	gcctggctga	240

<210> 169

<211> 1203

<212> DNA

<213> Enterobacter cloacae

<400> 169

ttactcgtat	ggaaaaagcc	agcgcgggcg	tggaatttg	aagaggccgc	acgcatccgc	60
gaccagatcc	aggcggtg	cagggtgacc	gagaagcagt	ttgtttctaa	tacgggagac	120
gacctcgatg	ttatcggcgt	agcctttgac	gccggctctg	cctgtgttca	cggtgctgtt	180
attcgtcagg	gcaaagtgt	cggcagccgc	agctacttcc	cgaagtgtcc	gggcggcact	240
gagctgggtg	aagtgggtga	gacttttgtc	ggccagtttt	atttgacagg	cagccagatg	300
cgtagcgtgc	cctcggagat	ccttctggac	ttcacgctcg	acgataaaac	cctgctggca	360
gattcgcttt	cagagctggc	aggccgccc	gtgaatgtcc	agacgaaacc	gcggggcgat	420
cgcgcgctt	atctgaagct	ggcgcgaaac	aatgccgcca	cggcgctgac	caccaaactg	480
tcccagcagt	cgaccgtcag	tcagcgttta	accgcccttg	ctacgctgct	caagctgccg	540
gaagtgaaac	gcatggaatg	cttcgacatc	agccatacga	tgggtgagca	gaccgtggcg	600
tcgtgtgtgg	tctttgatgc	gaatggcccc	ctgcgggcag	agtatcgctg	ctataacatc	660
accggcatta	cgcccgggtga	cgattatgcc	gccatgaacc	aggtgctg	ccgtcgctat	720
ggtaaaagca	ttgaagagag	caaaatccc	gacgttatcc	ttatcgacgg	cgggaaagg	780
cagttggggc	aggcgaaggc	ggtattcgaa	tcgctcgacg	tagagtggga	caagaaccat	840
ccgctgctgc	taggggtagc	gaagggggca	gatcgtaagg	ctggcctgga	aacgctgttc	900
tttgagccgg	aaggcgagg	ctttagcctg	ccgccggatt	cccctgcgct	gcacgtgatc	960
cagcatattc	gcgatgagtc	gcacgatcat	gccatcagcg	ggcaccgtaa	aaaacgggcg	1020
aaagtgaaaa	ataccagtac	ccttgagacg	attgaaggcg	tcgggcaaaa	acgtcgccag	1080
atgctgttga	agtatatggg	cggattgcaa	ggattactca	acgccagtat	ggaagaaatt	1140
gcaaaagtgc	cgggtatttc	gcaagggctg	gcagaaaaga	tctactactc	gttgaaacat	1200
tga						1203

<210> 170

<211> 522

<212> DNA

<213> Enterobacter cloacae

<400> 170
 caaagactct gttatcaacg tgaacacagt cggcggcggc aacggcgcgcg cggtagacca 60
 gacagcgtcc ggctcaacgg tgactgtgca ccagggtggc tttggcaaca acgcgaccgc 120
 acaccagtac tgattcattt ctgtaccaaa aaacagggca tgcgccctgt tttttttcgg 180
 gaggatctca tgagcacctt cattctcctt gccgcgcttg ccagccagat aacgttcagc 240
 acctcacagc aggcaaatat gacaaccatt attcctcagg tcacgctggc agacgcctgc 300
 gaatgtcagg ttgaggtggt atctgtccga caggggcagg ggggacaaaag tacatcgcg 360
 cagaaaaata ctctttttat acccgcta atcagcgatt atttaacgcg aatcagttta 420
 aatattcgct caggggatgc ggtaaaaaata atcgtcaccg tttccgatgg aaaatcgctt 480
 catttatcac agcagtgga cgcaccggta agtgcgcttt aa 522

<210> 171
 <211> 561
 <212> DNA
 <213> Enterobacter cloacae

<400> 171
 acatgtttcg gcagacatac tcttttccgt aacgcggcgt taacaaaacg aatcgcggtta 60
 acggagcaag agatactttt ttatagccag gtccagggtg acagcatgaa aaacaaaacg 120
 ttgtttatga tgtttacatt actgggtgcg cctgggtttg taatcgcagg tgattcagat 180
 ttagccagtt ctgaatataa ttttgcgata aatgaattaa gtaaagcttc atacaatcag 240
 gcagccatta ttggtcaaca gggttcagga aataattctg atgtacgcca ggacggttct 300
 aaattgctgt ccgttatattc tcaggagggc ggggaataacc gcgcgaatgt tgatcagtca 360
 gggacgtata accttgctta tatcgatcag accggcaacg gcaacgatgc gagtattaag 420
 cagggcgctt ttggcaacac cgccatgatt atccagaaag gctcgggtaa cagggcgaat 480
 ataacgcagt atggtacgca gaaaacagca gttgtagtac agagacagtc gcaaatggct 540
 attcgcggtta ttcaacgtta g 561

<210> 172
 <211> 477
 <212> DNA
 <213> Enterobacter cloacae

<400> 172
 tcaatccgat ggggggtttac catgaaactt ttcaaagtgg cagttattgc agcaatcgta 60
 gtttctggca gtgctttcgc aggtgcggta ccacaatttg gcggcgccca cgggtgggtggc 120
 tggggtggcg gcaataacgg ccctgactca accctgagca ttaccagta cggcggcgggt 180
 aactccgcgc ttgcttttgc gacggacgcc cgagattctg aattgaccat taccagcat 240
 ggtggtggta acggcgcaga tggtggccag ggctctgatg acagttctat cgatctgctg 300
 caaaaaggct ttggtaacag cgccaccatc gaccaatgga atagcaaaga ctctgttatc 360
 aacgtgaaac agttcggcgg cggcaacggc gcggcggtag accagacagc gtccggctca 420
 acggtgactg tgcaccaggt tggctttggc aacaacgcga ccgcacacca gtactga 477

<210> 173
 <211> 891
 <212> DNA
 <213> Enterobacter cloacae

<400> 173
 aagaatatta tgatgcgaat cgcgctcttc ctgctcacca acctggcggt gatggtggta 60
 ttcgggctgg tgctaagcct gacgggaatt cagtcgagca gcgttcaggg tctgttgatt 120
 atggcgctgc tgtttggttt cgggtggctct ttcatttcac tgctaattgc gaagtggatg 180
 gcaatgaaat ccgtgggcgg tgaagttatt gagcaaccgc gtaacgatat ggagcagtg 240
 ctgatgagca cggttgctca gcagtcaaag caggcaggca ttgccatgcc gcaggtagcc 300
 atctaccacg cgccggatat caacgcgttt gctaccgggt cgcgtcgtga cgcgtccctg 360
 gtggccgtca gcaccggtct gctgcaaaac atgagccgtg acgaagcggg agcgggtatt 420
 gctcacgaga tcagccacat cgctaattgg gatattgtca ccatgaccct gatccagggc 480
 gtggtgaaca ccttcgttat ctttatattcc cgtattctgg cgcagattgc tgccgggttt 540
 atgggtggca accgtgatga ggggtgaagag agcaacggca acccgctgat ctattttgct 600
 gtttcaatgg tgctggagct ggtgttcggg atcctggcaa gcattattac catgtggttc 660

tccccgtcatc	gtgagttcca	tgcggatgcc	ggttccgcga	aactggtggg	tcgtgaaaag	720
atgattgctg	cgctgcaacg	tcttaaaacc	agctacgagc	cgaggaagc	aaacagcatg	780
atggccttct	gcatcaacgg	caagtcaaag	tcgtgagcgc	agctgtttat	gtctcaccgc	840
ccgctggata	aacgtattga	agcgcctgcgt	agcggcgaat	atctgaagta	a	891

<210> 174

<211> 1608

<212> DNA

<213> Enterobacter cloacae

<400> 174

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ggaaaagtca	aatatgacga	actgagcctc	aagctcacag	gcaaagacga	gaaagagatc	120
cgtgagacgt	taaaccgacg	ctacaagttc	gatattcgcc	gtctggcgca	gaccaacagt	180
gaagatgttt	tctcgctggc	gatgaccgcg	tttgcgcacg	aaattgatcc	gcacactaat	240
tatctctctc	cacgtaacac	cgaacagttc	aataccgaaa	tgagcctgtc	tctggaaggt	300
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ggccctgcat	cgaaaagcaa	agcgatcagc	gtaggcgacc	gtattgtcgg	tgtgggccaa	420
accggaaaaga	gcatggtgga	cgtgattggc	tggcgtcttg	atgacgtagt	tgcgctgatc	480
aaagggccga	agggcagcaa	agttcgcctt	gagatcctgc	cagccggtaa	ggggacccaa	540
accggtatcg	ttactctgac	ccgtgagcgt	atccgtctgg	aagatcgcg	ggtgaaaatg	600
tcggtgaaaa	ccgtgggtaa	agagaaggtt	ggcgttctgg	atatcccagg	tttctacgtc	660
ggcctgaccg	atgatgtgaa	agtgcagctt	cagaagcttg	aaaagcagaa	tgtcagcagc	720
gtgatcattg	acctgcgcag	caacggcggc	ggggcattga	ccgaggccgt	ctcgctttcc	780
gggctgttta	tcccgtcttg	cccggtggtg	caggtgcgcg	ataacaacgg	taaagtgcgt	840
gaagatgcgg	ataccgatgg	tgtggtctac	tataaggggc	cgctgggtgg	gcttgtcgat	900
cgcttcagcg	cctctgcac	ggaaatcttc	gctgctgcc	tgaggatta	cgccggggcg	960
ttaatcgctg	gcgaaccgac	gtttggcaag	ggcaccgttc	agcagtaccg	ctctctgaac	1020
cgtatttacg	accagatgct	gcgccctgaa	tggccggcgc	tgggctcagt	acagtacacc	1080
attcagaagt	tctaccgcgt	caacggcggc	agcacgcagc	gcaaaggcgt	gacgcgggat	1140
attatgatgc	cgacaggtag	cgaagagacg	gaaacggggc	agaagtttga	agataacgcg	1200
ctgccgtggg	atagcattga	tgccgcgaca	ttcgtgaaat	cggtgtatat	gaaacagttc	1260
ggaccggaac	tgctgaaaaa	tcacaacgat	cgcatcgga	aggatccgga	attccagtac	1320
atcatgaaag	acatcgcgcg	tttcaacgcc	ctgaaagcaa	aacggaacat	tgtgtctctg	1380
aactacgctc	agcgtgagaa	agagaacaat	gaagatgacg	cgacacgtct	ggcgcgatc	1440
aacgatcgct	tcaaacgtga	aggcaagcct	ctgctcaaaa	aactggacga	tctgcctaag	1500
gattaccagg	agcccgatcc	gtatctggac	gagaccgtgc	atatcgcgct	tgatctcccg	1560
aagctggaag	aaaataaacc	tgctgttcaa	cctgctccca	caaaataa		1608

<210> 175

<211> 926

<212> DNA

<213> Enterobacter cloacae

<400> 175

ctcaccttctg	ccgatagtga	attcagcact	aagcgccgtc	agaccgaaa	agagattttc	60
ctctcccga	tggagcagat	tctgccatgg	cagaatatga	ccgctgtcat	cgagccgttt	120
tatcccaagg	cgggcaatgg	ccgacggccc	tatccgctgg	agaccatgct	gcgtattcac	180
tgcatgcagc	attggtacaa	cctgagcgac	ggtgccatgg	aagatgccct	gtacgaaatc	240
gcctccatgc	gcctgtttgc	ccgattatcc	ctggatagcg	ccctgccgga	tcgcaaccacc	300
atcatgaatt	tccgccacct	gctcgagcag	catcaactgg	cccgtcaatt	gttcaagacc	360
atcaatcgct	ggctggccga	agcaggcgct	atgatgacct	aaggcacttt	ggtggatgcc	420
accatcattg	aggcacccag	ctctagcaag	aacaaagagc	agcaacgcga	tcgggagatg	480
catcagacca	agaaaggcaa	tcagtggcac	tttggcatga	aggcccacat	tggtgtcgat	540
gccaagagtg	gcctgaccca	cagcctagtc	accaccgcgg	ccaacgagca	tgacctcaat	600
cagctgggta	atctgcttca	tggagaggag	caattttgtc	cagccgatgc	cggtaccac	660
ggagcgccac	agcgcgagga	gctggccgag	gtggatgtgg	actggctgat	cgccgagcgt	720
cccggcaagg	taaaaacctt	gaagcagcat	ccgcgcgaag	acaaaacggc	catcaacatc	780
gaatacatga	aagccagcat	ccgtgccaaag	gtggagcacc	cgtttcgcat	catcaagcgg	840
cagttcggtc	tcgtgaaagc	cagatacaag	gggctgctgc	aacacgataa	ccttttcacc	900
agccgcggag	gatcagcatc	cggaag				926

<210> 176
 <211> 279
 <212> DNA
 <213> Enterobacter cloacae

<400> 176
 tctgtcttcat ggagaggagc aatttgtctc agccgatgcc ggctaccaag gagcgccaca 60
 gcgcgaggag ctggccgagg tggatgtgga ctggctgac gccgagcgtc ccggcaaggt 120
 aaaaaccttg aagcagcatc cgcgcaagaa caaacggcc atcaacatcg aatacatgaa 180
 agccagcatc cgtgccaaagg tggagcaccg gtttcgcatc atcaagcggc agttcggctt 240
 cgtgaaagcc agatacaagg ggctgctgca acacgataa 279

<210> 177
 <211> 300
 <212> DNA
 <213> Enterobacter cloacae

<400> 177
 gctgtgggtc aggccactct tggcatcgac accaatgtgg gccttcatgc caaagtgcc 60
 ctgattgcct ttcttgggtct gatgcattctc cggatcgctg tgctgctctt tgttcttgct 120
 agagctgggt gcctcaatga tggtagcatc caccaaagtg ccttgggtca tcatgacgcc 180
 tgcttcggcc agccagcgat tgatggtctt gaacaattga cgggccagtt gatgctgctc 240
 gagcagggtg cggaattca tgatggtggt gcgatccggc agggcgctat ccagggataa 300

<210> 178
 <211> 348
 <212> DNA
 <213> Enterobacter cloacae

<400> 178
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 caggttgtac caatgctgca tgcagtgaat acgcagcatg gtctccagcg gatagggccg 120
 tcggccattg cccgccttgg gataaaacgg ctcgatgaca gcggtcatat tctgccatgg 180
 cagaatctgc tccatgcggg agaggaaaat ctcttttcgg gtctgacggc gcttagtgct 240
 gaattcacta tcggcgagg tgagttaatg gtcattgatg tccctctggg atgcgctccg 300
 gatgaatatg atgatctcat atcagggaact tgttcgcacc ttccttag 348

<210> 179
 <211> 1560
 <212> DNA
 <213> Enterobacter cloacae

<400> 179
 gtccttccag ccgcctgtgg tgaaaacgat tcccgtcggg cagaaatgct gcaacaggcc 60
 aacgcgctgg acgagcgcca aagtttctcg tcattacgcc gtcttgcttg gcagaatggt 120
 cactacttta cgctgcgaac cacttttaac cagccgggcc atctggcgac cgtggttgcc 180
 ttcgacctgc cgattaacga tctcatccca ccgcatatgc cgctggacag cttccgtctg 240
 gagccagaca acagcaccca aaatatgcgc tcgcccgtcg ataaagaagg cgcggacagc 300
 gttagccatct catttaatgg ctcaaagatt gagattgcct catcgctcaa ctcaaccggt 360
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 ctgctgccgc tgctgctgaa tatcggcctg ctggcgctgg cgctgtttgg ttacagcacc 480
 ttccgtttcc agtcgggccg ccagagcgac tcgacatcgg tatcagccgg gaccagcaac 540
 gagctgcgca ttcttcgtgc cctgaatgaa gagattatct ccgtgctgcc gcttggggtg 600
 ctcgttcacg atcaggaggc aaaccgcacg gtaatgagca ataaaattgc cgatcacctt 660
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 caggccacca ttaataatga actgtatgag atccgtcagt tccgcagtca ggtcgcgtcg 780
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ctccagctgc	tgatcaacaa	ccatttaccg	gccaacgacg	aacgtcatgg	cgatcgcgat	1200
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aagatcaccc	ttgaagtcag	caccgatgag	tccaccgacg	atcgtctgac	gttccgcatc	1320
cttgatacgg	gtgaaggcgt	gaccgtgagc	gaaattgata	acctgcactt	cccgttcctg	1380
aacgataccc	agcgcgacca	ctacggtaag	gcgaatgccc	tcaccttctg	gctttgcgat	1440
cagctggcgc	gtaagctggg	cggtcacatc	aacattaagg	cgcgcgaaac	cctcggcacc	1500
cgctactctt	tacacgttaa	aatggtgtct	tcaccacggg	gatggagcat	ccgcccttga	1560

<210> 180

<211> 414

<212> DNA

<213> Enterobacter cloacae

<400> 180

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agcgaacagg	ttccgggcat	gatcgagcgt	tactctgctg	ccatcactgg	tgcagaaggc	120
acgatccacc	gtctggaaga	ctggggccgc	cgtcagctgg	cttaccgat	caacaaactg	180
cacaaagcac	actacgttct	gatgaacgtt	gaagctccgc	aggaagtgat	cgatgagctg	240
gaaactacct	tccgcttcaa	cgatgccgtt	atccgcagca	tggttatgcg	taccaaacac	300
gcagtgaccg	aagcatctcc	gatgggttaa	gcgaaagacg	agcgccgtga	gcgtcgcgat	360
gatttcgcaa	acgaaaccgc	agatgattct	gatgctgggg	attctgaaga	gtaa	414

<210> 181

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 181

tttctgatga	ccaaccgtct	gggtgtgtcc	ggcaccgtgt	gcaggacccc	ccttcgaaa	60
gtcagcccat	caggaattcc	gcattgccag	ttcgtgcttg	agcatcgttc	tgtgcaagag	120
gaagccgggt	ttcaccggca	ggcgtggtgc	caaagcccg	taattattag	cggacacgaa	180
aaccaggcca	ttactcacag	ttttaacggt	cggtaa			216

<210> 182

<211> 399

<212> DNA

<213> Enterobacter cloacae

<400> 182

acaacatcat	cagaaatggt	cacccatccc	aaccgggta	gcgattacac	tttaatcaga	60
aaccctgaac	agagaaggag	agcattcccc	cgtatcacag	cacgcagtcg	tggagcgc	120
atcatgaaaa	gaatcgcaat	cgccattttg	gctgcgcttt	tgctcagtcg	aaacgcgatg	180
gcagccatca	gaatagacag	ccaacaggcc	agaaacatgg	atgatgtgca	gagcttaggc	240
gttatattaca	tcaatcataa	cttcgccact	gaaagtgaag	cagatcaggc	gcttaatgaa	300
gaaaccgatg	cgcatggcgc	aaaatactat	cacgtcatgc	tgacacgtga	gcccggcagc	360
aacggttaata	tgcacgccag	tgcagatatt	taccagtaa			399

<210> 183

<211> 564

<212> DNA

<213> Enterobacter cloacae

<400> 183

aatcgggctg	ttgctgaatg	taaacacgac	ggaagatttg	cagatgatgc	aggagagaaa	60
atgatacccg	tattagcgat	ctcagcctgg	agtggaccgc	ggaaaacttc	gctgctaaaa	120
aaactgatac	ctgcactttg	cgccaaaggc	attcgtccc	gattgattaa	gcatacgcac	180
cataacatgg	atgtcgataa	accggggaaa	gatagctatg	agctgcgtaa	ggctggcgct	240
gcacaaacga	tgggtggcag	taaccagcgc	tgggcgttaa	tgacagaaac	accggatgaa	300
gcaccgctgg	atctcgctta	tcttgtcagc	cggtatggatc	actccacgct	ggatctgggtg	360

ctggttgagg	ggtttaagca	tgaggctggt	gcgaagatcc	tgctattcag	aagcgatgcc	420
ggacatgacg	taagtgaagt	aacgctggat	gaacatgtga	ttgccgtggc	cagtgaagtt	480
gcgttgacgc	tgaagatacc	ggttctggat	ttgaataatg	tggaggggat	tgcagcggtt	540
atttcggcgt	ggtgtgcagt	ctga				564

<210> 184

<211> 729

<212> DNA

<213> Enterobacter cloacae

<400> 184

tttattcgta	aaggccaggg	cgtaaccccc	accgcgtacg	ccaccattct	gcatgagtag	60
atcagccagg	gtctggaatc	gattctgggc	gcgctggatc	tcaccggcag	ttacgataag	120
caacgaacca	tcaccatagg	cacctctccc	tctgtgggcg	ttctgggtcat	gcccgtattt	180
taccaggctg	ttaaacagca	tgcgccacag	ctgctgatcc	gcaacgtgcc	cgtaaagcat	240
ccggaaactc	agctggcgca	attccagacg	gacctgatca	tcgacagcaa	cagcttcgag	300
gccagagcat	tagggcataa	cgttctctat	accgactctc	tggcgctcgt	ttgtcgtcag	360
aatcatcctg	tattgagcgc	acctttgacg	cctgaaaatt	tgcgtcatta	cgaacatgca	420
acctttatgt	ccgaggggca	gggcccggat	ccgctgcgcc	agcgtattga	cgaactgttc	480
ccggaccgtc	tgatcagctt	cagcagttac	aatatgttta	ccctcgcggc	cctgattggc	540
agcagcgatt	tgctctgtat	tatgcctgtg	cgtctcttcg	ctttgcttca	aaaatgctgg	600
ccgctggaga	gcattccatt	gagtcacttt	acgacggaat	ctggtgaaat	ctcactgcat	660
tacaacaagc	taagcctgcg	cgatccgggtg	ctggaaaacg	tcattaacgt	gatccgccag	720
gctttctga						729

<210> 185

<211> 1011

<212> DNA

<213> Enterobacter cloacae

<400> 185

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gtgatggaac	gcggtgttaa	ataccgcgat	gccgataaaa	tggcccttat	cccggttaaa	120
aacgtggcta	cagagcgcca	ggcgctgtta	agaaaaccgg	aatggatgaa	aatcaaactt	180
ccggccgact	cttcgcgtat	ccaggggatc	aaagcgcgca	tgcgcaaaaa	tggctctcac	240
tctgtctgtg	aagaggcctc	gtgccctaac	cttgctgaat	gtttcaatca	cggtaccgcg	300
acatttatga	ttctgggtgc	catctgcacc	cgccgctgtc	cgttctgtga	cgttgcccat	360
ggccgtcccg	ttgcgccaga	cgctaaccga	ccgcaaaaac	tggcgagacg	gattgccgat	420
atggcgctgc	gttatgttgt	tattacctcc	gttgaccgtg	acgatctgcg	cgatggcggt	480
gctcagcatt	ttgtgactg	tattaccgcc	atccgcgaaa	aaagcccgaa	cattaagatt	540
gagacgctgg	tgccggattt	ccgtggccgt	atggatcgcg	cgctcgatat	cctgaccgcg	600
acgccaccag	acgtgttcaa	ccacaacctg	gagaacgtac	cgctatctta	ccgtcaggta	660
cgtcccgggtg	cagactacaa	ctggctcgctg	aagctgctgg	aacgctttta	agaagcccat	720
ccgcataattc	caaccaagtc	tggctcgatg	gtcggcctgg	gtgaaaccaa	cgctgagatc	780
attgaaagtga	tgcgcgatct	gcgcgcccac	ggcgtcacca	tgctgacgct	gggccagtag	840
ctccagccaa	gccgtcacca	cctgcctgta	cagcgttacg	taagcccggg	tgagttcgat	900
gaaatgaaag	ccgaagcgat	ggcgatgggc	tttaccatg	ccgcgtgcgg	tccgtttggt	960
cgctcctctt	atcacgccga	tatgcaggcg	aagggcgaag	aagtgaataa	a	1011

<210> 186

<211> 561

<212> DNA

<213> Enterobacter cloacae

<400> 186

aggtgcatct	gcctagtaaa	aatattcttc	agtgccagtg	agaaaaatat	gagcgactac	60
atacctaata	agagagggtc	gcttatactg	gattgggtatg	tcccccttaa	tattttattg	120
ctgattctctg	ttatgtgtgt	ctttttcacc	cgttatacat	ttggatacgg	tttattgaat	180
gggtgcctgc	ctgctgattt	ttatatgatt	gatcattcgg	ataaaagtat	taaaactggg	240
gaactcatat	catttaacat	gccgaaatcg	gtacgtttta	tcccacaaaa	tgaacgagtc	300
ataaaaattg	ttgccgggtg	gggcgggtgac	aaacttaaa	taacaatgga	tgggggttat	360

aacggggaca	aatTTTTtga	aactaatgca	cgTcgTatTT	cgaagaaata	caatattccg	420
tccattttga	ttgaaaaaga	attgataatt	cctgaaggcg	aagTTTTcct	aattgggcaa	480
accgatcact	catgggattc	ccgTTTTtgg	ggaacagtaa	agctgaattc	agtaattggg	540
aaaacatatg	cgatctttta	a				561

<210> 187

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 187

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gctcagcaag	caaaggggct	tggggcacag	gctaaagggtg	cacagcagcc	agatggggct	120
cttagccttg	atgctacgct	aaaatcacca	gatgtgcaga	agtacatagc	gcaagctgaa	180
gcactccaaa	aaaaccagga	cctgagcaag	caaataaacc	gtggttacgt	ccccggtatg	240
aatgcggata	gtgttcaagc	agttatagac	catacccagg	ctatcagggc	ccaaagtaat	300
aactctgaag	ctgtcaacga	tataattaga	agacgtgatg	aaattcaaga	aaacgccagc	360
cttaatgaag	cggctctgaa	agctgtggaa	aataagccgg	aagtcatgcg	aggacaagct	420
aaaaatatcg	aaaaattggt	tggttcctcg	ggcatcacag	ctgctgactt	cgaaagaaaa	480
atggatagca	cacgtgaaga	agcactatca	actgaaaatg	gaataacgat	ctttgcttca	540
tttagcttgc	cggattatgt	actggaagac	cttctacgta	cggcctcaga	gcataaagct	600
cgtgtagtgt	tcaatgggtc	aaagaaaagg	actactcggc	taccagagac	acaggcagca	660
ataaaccaaa	tgattgtcaa	aggaaaattt	gaatctcctt	tgattacaat	tgatcctgat	720
agcttcagtc	aatatcaagt	aactcaagta	ccgacaatta	tttctaggga	gcaagctcgt	780
tttgccaaaa	tgggtaagct	ccttcaacgt	tga			813

<210> 188

<211> 741

<212> DNA

<213> Enterobacter cloacae

<400> 188

atgaattttac	gaacaaaggg	atTTctgtta	atcattaaag	atgaagggtga	caccaaagaa	60
tttacaattg	aaaatcctgg	caaataataca	ttgatgggtg	ttttcaaaga	taaccgaaac	120
aatgaacagc	gtatcgaaaa	tacctttgtt	gtcgatgaac	aaacgccaat	gaacgttgag	180
atgacaccca	agttctctaa	caaatatatg	agagctccac	tcgatgtaac	cttaagggtca	240
aacatcaaga	tatctcatte	ggcggactcg	atagatacgg	tcacatacaa	ggtgaacggt	300
gaagtaatac	ccagcggcaa	aaattatttg	gctcaactga	tctcgggttt	aaaagaaaag	360
aaatacgaga	ttacaattga	tgttggttagt	aaacttggac	agagagggttc	agcatctggt	420
gagtttgatg	tcgttaaaaa	cgcagtgcct	aattgtacat	tgagctacac	ggaaaccaac	480
ctaagctgga	gctttaccaa	taaatgtgat	gatactgatg	gaaaaatggg	tagatatgaa	540
tggttcatca	acggcgaaat	aaggaaacgtt	ttcggtagta	cggctacact	ttctaaaaaac	600
cttaaccgtg	gtaagcagga	cataaaagta	attgcttatg	atgatagtgg	agactttgca	660
acacagcacg	tgacagtttt	cggaccggct	gaagaggcaa	gtaagtctga	aaacactgta	720
tcaataccaa	gcagtgaagta	g				741

<210> 189

<211> 417

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (153)

<400> 189

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accccgcata	tgcgggggtt	ttttgttccc	gattccaggg	tatcgtgcgg	atgccgggtg	120
gcgggttgcgc	attaccgggc	atacagaatt	cantatgctc	gaatcgaacc	ttgggtcgaag	180
cttttttatcc	gtccccgc	gggagaacca	tggggcattg	tgcttttTgga	tagtgctaaa	240
gaatccggaa	gtgatgggtg	tgggggaagg	attactcagc	gcttcgcgct	tcgcccttcg	300

ggtcgttgca	tgcggcaacg	ctttctcgat	acgctcgaat	cgaaccttgg	tcgaagcttc	360
tcattcattcc	ccgcactgaa	gaaccatggg	gcattgtgct	ttgagagagt	gctgtag	417

<210> 190
 <211> 336
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (110)

<400> 190						
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cgtgcggatg	ccgggtggcg	gttgcgcatt	acccggcata	cagaattcan	tatgctcgaa	120
tcgaaccttg	gtcgaagctt	tttatccgtc	cccgcattgg	agaacctatg	ggcattgtgc	180
ttttggatag	tgctaaagaa	tccggaagtg	atgggtggcg	gggaaggatt	actcagcgct	240
tcgcgcttcg	cccttcgggt	cgttgcatgc	ggcaacgctt	tctcgatacg	ctcgaatcga	300
accttggtcg	aagctttctca	tcattccccc	caactga			336

<210> 191
 <211> 519
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (490)

<400> 191						
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cgcaaataca	ccaagcgcga	gcgcgaactg	ccagcgaatc	gtctcaaccg	aaagcgagcc	120
cgcagccagg	cgaagaagga	cggcaacgca	aaagagcagc	agcaggatca	gatcgaaacc	180
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cgcgagatca	aggaaggcca	tcaggggagaa	gagaacgacg	aagcgaagac	cacgcaggca	300
gagcaggaag	aaatcggcag	gaaggagcga	aagagacaga	aggaaaccca	gcgcgcgaag	360
aacatccagg	agcgcgaaggc	gcgtcagccg	ggcggacagc	aggagcaggc	gcgagagatc	420
aaacgcgaaa	tcgaatccca	gcagccgcac	aacgaatccc	tgttccagaa	ggtcaattac	480
ctgagctatn	ttaaccgcgc	gggtcgaagg	acacgcgcga			519

<210> 192
 <211> 810
 <212> DNA
 <213> Enterobacter cloacae

<400> 192						
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ggcggcgccg	tggtgacgcg	ttacgggcaa	cgtctgatcc	agctctacga	tttactggcg	300
cagatccagc	aaaaagcatt	tgatgtgctg	agcgatgacg	acaacctgcc	gctggacagc	360
ctgctgggcg	ccatctcccg	tttctctttg	cagaccagcg	cccgtaacca	gtggtttggg	420
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gagcaggccg	cagaggccga	caaccagctg	cggggacgca	tcagccacat	cgagcgcggc	660
gcgaacaggt	gtgaagtgct	gatgacctg	ccggatggac	agttgctctg	cgccaccgtt	720
ccggtgaacg	acgcgaccga	attagacgaa	ggtgctgtgg	tgaccgcata	tttcaatgca	780
gacagggtaa	ttatcgccac	attgtgctaa				810

<210> 193
 <211> 1164
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (985)

<220>
 <221> unsure
 <222> (1131)

<400> 193
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 tcgctgccag agttaaccct tcgcgccgga gaaagctggg cgtttgtggg ctctaattggc 120
 agcggaaaat ccgcgctggc ccgcgctttg gctggcgaaa taaccaact gaagggtgaa 180
 cgtcgggtgca cctttaccog gctgacgcgc ctttccttcg aacagctgca aaagctggc 240
 agcgatgagt ggcagcgtaa caataccgat ttgctcagcc ccggcgaga agataccggc 300
 cgcacgacgg cggaaattat ccaggatgag ataaaagatc ctgcccgtg tcagcagctg 360
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 gagacgcga aaacgctgct gtgccaggcg ctgatgagcg agccggaact cttgatcctg 480
 gatgaaccgt ttgacggact ggatgtgcag tcccgcgcgc agctggcagc gttgctggcg 540
 tcgcttaacc agcagggata cacgcttggt ctggttctta accgctttga tgagatccc 600
 gatttcgtac attatgcagg cgtgctggcg gactgtagcc tgaccgaaat cggcgagaag 660
 gccgtcctgc tccgtcaggc gctcattgca cagctggccc acagcgagaa actggacgg 720
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 tccacgctgc tgagcctgat caccggggat caccgcaggg gatacagcaa cgatctcacc 960
 ctgttcgccc gtcgcgcggg gcacnnggat accatctggg atatcaaaaa gcacttccgg 1020
 tatgtcagca gcaccctgca tctgggacta ccgggtgagc aacaccgttg caaaacgtta 1080
 tcctctctgg cttccttcga ctccattggg tatttatcaa ggcggttccc nacaaccac 1140
 caccaacttg cgccaacatt ggg 1164

<210> 194
 <211> 792
 <212> DNA
 <213> Enterobacter cloacae

<400> 194
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 aactgcccta tttgcgacga tgagcgccag tatgtcccgg tgacgggcca ggcattggacg 120
 gacttcgaca gccttacgac cagcacacc aacaaatggc aacagctgga gccgcagctg 180
 ttcagcatca aaaccgttcc cgcttttgcc atcaaccagc gcgcgcttct gctgcgtacg 240
 ccacagggca atgttctgtg ggactgcac gccaatcttg acccggcgac cagagcgcta 300
 gttgacgcgc tcgggggcat cagcgcgatc gcgatttcgc acccgcata ctacaccacc 360
 atgcaggagt gggccgcgcg gtttaacgcg ccgatctacc tgcacgccag cgatcggcag 420
 tgggtgatgc gtgacagccc ggcgatacgc ttctgggagg aggacgccc ggagattatg 480
 cctttggtga ctctgctgcg gctgggcggg cattttgcag gcggcacggg gctgcactgg 540
 cagtcaggcg acggcgtgct gctggccggg gatattttgc aggttacacc cggaaaagac 600
 gccgtgtcgt ttatgtggag ttatccgaat atgctgccgc tgcctgccc caccgttgag 660
 tcgttgatcg gccgactgac cgggaaaacg taccagcgcc tgtacggggc ctttgaagga 720
 cagaacatcc cgggtgaacgc agatgagatc gtgcagcggt cgggccagaa atatattgct 780
 tgtctccgct aa 792

<210> 195
 <211> 831
 <212> DNA
 <213> Enterobacter cloacae

<400> 195

gcccccccca	ttcgcggggg	ttcgcgggctc	ttccaggccc	gtgtcaagtt	gttgatcccc	60
acgcccttcg	gcgcagacac	ggtgtagct	gataccagc	tcggttcgct	gacgcgacct	120
gtacaggatg	aagcgatggc	gaactggcag	gaggagggt	ggaaggaagc	gccgctgccg	180
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ctcagtgcgc	tgaaaaaagc	ggaggatcgt	gacgagatga	ttcttcgtct	gtacaaccct	660
tcggagaccc	gctcctgtga	cgtggccttg	tctgtgaacc	gtgagatcca	ggcctgtctc	720
gaaacggaca	tgaatgaggt	gtacaaggcg	caaggggaag	agggtcagc	cattacgggg	780
tctttccggc	caggccagtc	acgtaccttc	agcataaaaa	ttgaaaggta	a	831

<210> 196

<211> 204

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (51)

<400> 196

ggacttatcc	tggcgggggt	tataaattcc	cctatggttg	gccagggggt	nttcttattc	60
aacatcccaa	ttggcggcc	cgtaggtgt	ggggggttc	ttaagggtgc	cagttacagg	120
ccaaaaccgg	aggatgtgga	atttgatgcc	aggagggacc	tttttttttg	ccatcattgg	180
gccttccctt	tgcagtcggg	ataa				204

<210> 197

<211> 741

<212> DNA

<213> Enterobacter cloacae

<400> 197

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cccgtaggtg	aggttgacct	gctggccagc	cgtgagggtc	gcattgcaac	cgcaatctct	180
gctggtaatg	gcctatccca	ggctgcaatc	gtattcatac	ccagctacgc	cttcctcgcc	240
ctttcactgt	cagagtccat	ggccagtttc	agcctcctcc	ccttcgtcac	caccatggcc	300
ctctcgcccc	ccattgtggg	tgttctgctg	gacagggttg	gttcaagggt	agtgatgatc	360
tcaggagacc	ttatcctgat	ggttgggtgt	accatcatgg	ccctcctctc	atcaaccacc	420
cctctcttca	tacttgctga	ggtgctcatg	gccctcggac	tcataaccgt	cataggggca	480
cccctcaggt	acataatgct	atctgaaact	ccccccgaac	acagggcac	tggacaggcc	540
ctgataaaca	tattatcaag	tgcagggcag	cttggtggag	gtgcactcat	cgggtggcatt	600
gtagcgtcca	tgggtagtgg	agtaatgggt	tacaggttct	cattcctctt	ccttgttgca	660
gttgcatcca	cactcttcct	gctatcaacc	ggtctcaagg	gaagagacgt	agagcttgag	720
acaatgaaga	gggacagctg	c				741

<210> 198

<211> 750

<212> DNA

<213> Enterobacter cloacae

<400> 198

tttatgtttc	ttagcgtcat	tactgtcgcc	tttcgtaact	acgaaggggt	ggtaaaaaacc	60
tggcgctcgc	tgcgcaacct	ggcgcgcgat	ccgagcctca	cttttgagtg	gatcggtggtc	120
gatggcggct	cgaacgacgg	cacggcggag	ttcctggaaa	aactcaacgg	tgagttcaac	180
ttacgttaca	tcagcgagaa	agataaaggc	atttacgatg	ccatgaataa	aggcatcaac	240

atggcgcagg	ggcgttacgc	catcttcctc	aattccggcg	atgtgttcca	tgaaaatgtg	300
gcgctgtttg	cccgtcagct	ggcgcgccag	aaagaagatg	ccatgtttat	cggtgatgcg	360
ctgcttgatt	tcggcgaggg	gaaaaaagtg	ctgcgcgggtg	cgaaaccagg	ctggtatatc	420
taccacagcc	tcccggccag	ccatcaggct	attttcttcc	caatgagcgg	tctgaaaaaa	480
cagccttacg	atttgcgcta	taaagtgtca	tcagattatg	ccctggccgc	cagtctttac	540
aaatctggct	acccgttccg	tcgaattaaa	ggactgggat	ctgaattttc	aatgggcggc	600
gtgtcaacct	cgaataatct	ggaactgtgc	caggatgcc	aaaacgtgca	gcgtaaaata	660
ttacgcgtgc	cggggttctg	ggcggaatta	tcttatttct	tacgtctgaa	aacgacgggt	720
aaagcgaaag	ccttatataa	caaagcctga				750

<210> 199

<211> 351

<212> DNA

<213> Enterobacter cloacae

<400> 199

ggaaacgtaa	tgcaggaatt	aaatggattc	tccgtaccga	aaggttttcg	gggcgggagc	60
ggtattaaag	ttcaactgtg	gtgggctgta	caggcaacgt	tatttgccctg	gtcgccgcaa	120
atactgtacc	gctggcgcg	atctttactg	cgtctgtttg	gcgcaaaaat	aggaaaaaac	180
gtagtcattc	gaccttcggg	gaaaattact	tatccctgga	aattaacact	tggggattac	240
gcctgggttg	gggatgacgc	agtgttatat	acccttggtg	agattacgat	tggcgcaaat	300
tcggtggttt	cacagaagtg	ttatttgtgc	accggtagcc	acgattttat	g	351

<210> 200

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 200

attatctatt	tttcttggtt	cgccgtactg	ttgacactgt	ggtatctggt	taaagttttc	60
aaaatgatga	ttaacgcggt	tggtgataac	cagaactttc	gcgtgcaact	ttatctgttc	120
acaccggtgt	cggtgttttt	taccgggtca	atatttagcc	cggaatatgc	attcttaatt	180
gtatgtccgt	ttatttttgcg	caaggcgctg	aatattacga	gcgtatga		228

<210> 201

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 201

acagcagcgg	acctgctgct	acagttgtcc	acttcacagc	gtcaggggcg	ttacaaaacg	60
actctcaatc	gtggtgtcat	ggccccgaag	ctgcttatca	tcgatgaaat	aggttatctg	120
ccgttcagtc	aggaggaagc	caagctgttc	ttccagggtca	tcgccaaatg	ttacgagaag	180
agcgcgatga	tcctgacctc	caacttgccg	ttcgggcagt	gggatcagac	gttcgccggt	240
gatgcagcgc	tgacatcggc	gatgctggac	cggatcttac	atcactcaca	cgctcggtcaa	300
ataaaagggg	aaagctatcg	actgaagcag	aaacgaaagg	ccgggggttat	agctgaagct	360
aatcctgagt	aa					372

<210> 202

<211> 2127

<212> DNA

<213> Enterobacter cloacae

<400> 202

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gcgcacatcg	acgccggtaa	aaccactact	accgaacgta	ttctgttcta	caccgggtgta	120
aaccataaaa	tcggtgaagt	tcatgacggc	gcagccacca	tggactggat	ggaacaggag	180
caggagcgtg	gtattactat	cacctccgca	gcgactactg	cattctggtc	aggatggct	240
aagcagtagc	aaccgcatcg	cgtaaacatc	atcgacaccc	cagggcacgt	tgacttcacc	300
atcgaagtag	aacgttccat	gcgtgttctt	gacggcgcg	taatggttta	ttgcgcagtt	360
ggtgggtgttc	agccacagtc	tgaaccgta	tggcgtcagg	caaacaaata	taaagttcca	420

cgcacgcgct	tcgttaacaa	aatggaccgt	atgggtgcta	acttccctgaa	agttggtggc	480
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gaagttccgc	tgtctgaaat	gttcggatat	gcaactcagc	tgcggttctct	gaccaaagggt	2040
cgtgcatcat	acactatgga	attcctgaag	tatgatgatg	cgccgaacaa	cgttgctcag	2100
gccgttatcg	aagcccgtgg	taagtaa				2127

<210> 203

<211> 378

<212> DNA

<213> Enterobacter cloacae

<400> 203

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atcgccacg	ttgacctagg	taaaactacc	ctgactgctg	caatcactac	cgtactggct	180
caaacctacg	gcggtgctgc	tcgtgctttc	gatcagatcg	ataacgcacc	agaagaaaaa	240
gctcgtggta	tcaccatcaa	cacctctcac	gttgagtatg	acaccccgac	tcgccactac	300
gcacacgtag	actgcccgag	ccacgccgac	tatgttagtc	ttcacccacg	ggcgctggac	360
ggatccacgc	ttaggttaa					378

<210> 204

<211> 705

<212> DNA

<213> Enterobacter cloacae

<400> 204

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aacttcagcg	tggatcttaa	cgccagttac	ttcggattcc	tgaccacgca	gcataccgcg	120
acgacggctc	aagtcaccga	taacgtcacc	gggtgttctt	tcaggagttt	ctacttcaac	180
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cagacgaaca	cccattgcta	caaccgggta	accagccaga	ggaccagctt	tcagctgctc	360
ctggatgcct	ttatgaacgg	cagggatgta	ttcgccagga	attacaccac	ctttgatgtc	420
gttgatgaac	tcgtaacctt	tcgggttaga	gcccggctcc	agtgggtaca	tgtcgatcac	480
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aactttcgcg	cgaatcgctt	cgcggtgaagc	aacctgaggt	ttacccacgt	tcgcttcaac	600
gttgaattca	cgcttcatac	ggtcaacgat	gatgtccagg	tgcatgtcac	ccataccagc	660

gatgatggtc tggttagatt cttcatcagt ccatacacgg aatga

705

<210> 205

<211> 1113

<212> DNA

<213> Enterobacter cloacae

<400> 205

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ttttggttca	actgcatgg	agattaccgg	ctcagggaat	tccatacgt	ccagaatgat	120
cgggtgatcc	ggatcacaca	gagtgtcacc	agtggtcacg	tctttcagac	cgatagcagc	180
agcgtgtcgc	cccgacgaa	cttctttgat	ctcttcacgt	ttgttagcgt	gcatctgtac	240
gatacggcca	aaacgttcac	gcgccgcttt	cacggagtcc	aggatgggtg	caccggagtt	300
aaccacacca	gagtaaagc	ggaagaaggt	caggttacc	acgaatgggt	cggtagcaat	360
tttgaacgcc	agtgcagaga	atggctcttc	atcacttgcg	tgacgctcag	ccggagtatc	420
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cagttcttca	ccaccaggt	atctttccat	cagctcttca	gaagcttctg	ctgcggattc	660
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catggaacgt	tctacttcga	tggtagagtc	aacgtgccct	ggggtgtcga	tgatgtttac	1080
gcgatgcggt	tcgtactgct	tagccatacc	tga			1113

<210> 206

<211> 189

<212> DNA

<213> Enterobacter cloacae

<400> 206

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tcgcccgcac	gaacttcttt	gatctcttca	cgtttgttag	cgtgcatctg	tacgatacgg	120
ccaaaacgtt	cacgcgcgc	tttcacggag	ttcaggatgg	tgtcaccgga	gttaaccaca	180
ccagagtaa						189

<210> 207

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 207

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gccgcattta	ttgtggctat	caggggaacg	gtcacacaag	cagtattggt	aggtcttgcg	120
gcgacaattt	ctcatacctc	tattgtctgg	ctcattgcac	tgggcgggat	gtatatccgt	180
cagaaattta	cggcagaatc	agccgaaccg	tggttccagc	tgatttcagc	catcattatt	240
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cttgagggag	ttgatgttag	ttcactcgag	tatcaggacg	cgcacgaaaa	agcacatgct	720
aacgacatca	aaaaacgctt	tgctaatagc	agcgtaacaa	ccggacaaat	tatcctttct	780
cggcctgacg	gtcttcacca	cgccgatgga	aagatcaagc	gctcc		825

<210> 208

<211> 447
 <212> DNA
 <213> Enterobacter cloacae

<400> 208
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 cctaaacggg tgctccacct ttgccctgat gctggctttc aggtattcga gtttgatggc 120
 ggctttgttt ttgcgggggg gctttttcaa tatcctgact ttccctggac gttcagcgat 180
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 atcggcggag acaaattctt cgtcaccgtg cagaagatta ttcaattggg tcagggtcatg 300
 ttcattagcg gcggtgggtc ccagcgtatg agtaaggccg ctttcagcat cgactccaat 360
 atgagccttc atgccaaagt gccactgatt tccttttttg gtctgatgca tatcgggggtc 420
 acgctgtttg tttttattct tgggtga 447

<210> 209
 <211> 987
 <212> DNA
 <213> Enterobacter cloacae

<400> 209
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 ggcaacattg aacctgtcta tccaaaagca ggtaatggcc gccgacctta ttcgctggaa 180
 acaatgttcc gtatttactg cctgcaactg tggtagaccc tcggtgatga agcgatggaa 240
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 attcctgacc gtactaccat catgaacttt cggcacttgc tggaaaaata caaactgact 360
 cgcaaaatat ttcaaacctg caatcagtgg ctggtggatt gcggcgatgat gatgactcag 420
 ggtaccctgg ttgatgccac aattatcgaa gcaccaagct caaccaagaa taaaaacaaa 480
 cagcgtgacc ccgatatgca tcagaccaaa aaaggaaatc agtggcactt tggcatgaag 540
 gctcatattg gactcgatgc tgaaagcggc cttactcata cgctggtgac caccgcccgt 600
 aatgaacatg acctgaacca attgaataat cttctgcacg gtgacgaaga atttgtctcc 660
 gccgatgcgg gttatcgtgg cgcagagaaa cgggatgagc tgaaggaccg tgatgtggac 720
 tggttcatcg ctgaacgtcc agggaaaagtc aggatattga aaaagcacc cgcgcaaaaac 780
 aaagccgcca tcaaactcga atacctgaaa gccagcatca gggcaaaggg ggagcaccgc 840
 tttagggtta ttaaactcga gtttgggttt atcaaagcac gctacaaggg gctgatgaaa 900
 aatgactcac agttagcgat gctattcacg ctagcgaacc tgtttaaagt ggatcagatg 960
 atacgacgac agactaaatc cgcctaa 987

<210> 210
 <211> 1032
 <212> DNA
 <213> Enterobacter cloacae

<400> 210
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 gtactggtcg tgctctacac ctccatcttt gtggtgaaag agggcgagcg tgggatcaag 120
 ttccagttca gcagcgtcgt gcgtgacggc gacaagcgtc cggatgattta tgagccgggt 180
 ctgcacttta agatcccgtt cattcagtca gtgaaaacgc tcgatgcgcg tatccagacc 240
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gcaacgcgat aa

1032

<210> 211

<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 211

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tataagaccc	agaccatcct	ggaagcacag	ggtgaagtgg	ctcgcttcgc	gaagatcctg	180
ccggaatata	aagccgcgcc	ggaaattacc	cgtgagcgtc	tctatatcga	gaccatggaa	240
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gtcctgccgc	tgatcagat	gctgaaaggc	ggttctgcac	cggcagcaaa	agacaacagc	360
ggtgcgaaca	acctgctgcg	tctgccaccg	gcctcctctg	gcagcgccag	tgcgaaacaca	420
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<210> 212

<211> 909

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

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2025年10月25日

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 gatgccggtg cttcggtttt ctggcgaatg gaccatgatg ccgactatgg cgtgctgaat 180

gatattgcc	gagggcaatc	agatccccga	aaaatagtcc	ttcagtggga	cgaaatgatc	240
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cagcttaatc	ggggagaaa	tcgccatgcc	gttgccagag	ccatctgtca	cggtcaaaaa	480
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ggacatatca	atatgctcgg	ccattattcc	ttcacgctgg	cagaactggg	gaccaaagga	720
catctgaaac	cattaaaaga	agcgtcagag	gcaganaacg	ttgnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	tactaaccgg	cccaggcacc	aggctccatg	caaaatgggc	840
ggccaccccg	ccggcgaaaa	agcgccccgc	gccgttttgg	tggtccnaac	ttccggtggc	900
cccttttga						909

<210> 213

<211> 2229

<212> DNA

<213> Enterobacter cloacae

<400> 213

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gtgccgattt	cactagtagg	cacctttgcy	ttaatggatg	tattcggatt	ttctctcaat	240
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acgattgcc	tctcgaccat	cctgtcggcg	atcaactctt	taacgtyatc	tccagcactg	540
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ttggagcgcc	ttttaggttc	gttcttcggc	cgtttcaaca	catttttcga	cagggtatcg	660
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gtttttgcag	gaatgctagg	tgtaacgttc	tttggtattac	tgtttacccc	agtattttat	2160
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<211> 279

<212> DNA
<213> Enterobacter cloacae

<220>
<221> unsure
<222> (272)

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 gggttggtccc gtactgtgac taaagtaatt cagaaccttg atccggatgc tagcatcgta 180
 actgatcctc caactcgtaa agttgagata caaacgttgt tatcggttga tctgatttct 240
 gatgctttgc gtgaagcagg tttccctccg anggaatag 279

<210> 215
<211> 1152
<212> DNA
<213> Enterobacter cloacae

<400> 215
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 aaccgttgcg ggcattgctc ccggggccaca tttttacctt caccaacgcg ccgtttttca 120
 gcgataacgg ccgagtattt ggtgacggcg gcgggttacc atttcgagga gaaccgctac 180
 gcgatcgggt agggggagac cattcaccgc accgatttca gcgtcattcc ggcgtcgggtg 240
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 cgcagtaagg atggccacaa agataatgcc aatgccctac gattcgagga taaggctggg 660
 caagagcaga tctggattca tgctgaaaaa aacatggaca ccgagatcga gaactgcgag 720
 acacatgacg taggggtaga ccgtaaaaaa attatcggcc gggatgagca cgtaacgggtt 780
 aagcgttaacc gggacgtgaa cgtggggggc aattcaacca gcaacacggg taatcagcac 840
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 tcgacaattg aaattatcgt ttccgaaggg acactcaagg ctgagagtat tactgtggca 1020
 tccttcaaa ggcaggaggt gacgaagtta ggccggcgaa taaatgccga gatgaaagct 1080
 aatgatactc ttcattctca tggtaacaa ctgacagata ttaaaggcgc tgttgttaaa 1140
 attaacagct aa 1152

<210> 216
<211> 1092
<212> DNA
<213> Enterobacter cloacae

<400> 216
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 gctcgaaagg gtgatacgtt atcctgctcg acgcacggca gcggtattat tgtggggggc 180
 tccggtactg tcttcgttaa cggtatgcc cttgcacgtc aaggagacaa gacgaagtgt 240
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 ggcacgctgg cgaaaaaatgc cggcgaagat gggatgatgc acggcgaaca ttttgatgct 360
 cgtgttctgg gtgcgtacgc cagcctcgaa gataaaaacc tcaacgggtga ttttgatacc 420
 gcttcagctg gttttgcgtt ggcagatatt acaattggga atatgaaaag taaggatctg 480
 ctacgggacg aaatgcgtaa taaactcgcc gtcgccaatg cgacggggtc tctgtatggg 540
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tttaagccta	tactggattt	ctttgactat	ttgtatggcg	aagaggatga	gccagccgtc	1020
acctctgttc	tgacagaaag	cggggatggg	acaattatta	ccgggtgtgt	tactgttttg	1080
ataggcgatt	aa					1092

<210> 217

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 217

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ggagagctat	gcgtatgtga	tctctgcacg	gcgctagagc	agtcgcagcc	taagatctcc	180
cgatcatctgg	cgatgctacg	tgaaagcgga	ttgttgctgg	atcgcaagaa	tgggaaatgg	240
gttactactcc	gcttatctcc	gcatattcct	tcatgggctg	ctcagggttat	tgagcaggcc	300
tgggttaagcc	aacaggacga	cgtacaggcc	atcgcccgtg	agctggcatc	agctaactgc	360
tctggtagcg	gcaaagctgt	ttgtatctaa				390

<210> 218

<211> 393

<212> DNA

<213> Enterobacter cloacae

<400> 218

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acctctatatt	cctgtgccac	cgctatcagc	ctggcggaac	aaggcaagcg	ggttttgctt	180
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gccaggaat	atcgggccag	aatcgttgat	cctatcaaag	gcattctgcc	ggagtcttca	360
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<210> 219

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 219

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acacggccaa	agttaatcga	atttttggcg	acatgccccg	ctacaaccat	cgcaatggaa	180
gcctgtgggtg	gctctcactt	tatggcacgc	aagttggaag	agttggggca	ttttcctaag	240
ctgatattcac	cacaatttgt	ccgtccattc	gttaaaagta	acaaaaacga	gttcgtcgac	300
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<210> 220

<211> 954

<212> DNA

<213> Enterobacter cloacae

<400> 220

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tgtaaaggctc	ctcgcgaagt	tatggagtta	actaataatc	gagatgatct	gtctgcactg	180
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aaccagctc	gcatagtctc	tttagaagta	caggatgcgg	cccgggaaaa	tatgcagcag	900
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<210> 221

<211> 1770

<212> DNA

<213> Enterobacter cloacae

<400> 221

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tcagtcacac	aaagtgacga	cgaatctgag	catcgttact	tcaaacaact	ttccgttgta	180
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gggcgtcgtc	gcttgttcat	ccttgatgaa	gcatgggagt	acattcgtcc	tgataattca	1620
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atgttcagga	taacaaactg	cgctggcatc	tgtatcacac	attcctttga	aaaattattt	1740
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<210> 222

<211> 1548

<212> DNA

<213> Enterobacter cloacae

<400> 222

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gttaatttaa	aagttcgtcc	tcactctatt	catgcattaa	tgggtgaaaa	cgggtgcgggt	180
aatcaacat	tattaaaatg	ccttttttgg	atctatcaaa	aagattcttg	cagcattctt	240
tttcagggaa	aagagatcga	cttccattca	gcgaaagaag	cgctggagaa	cggatatctg	300
atggtacacc	aggaattaaa	cctggctcgt	caacgttcag	ttatggataa	tatgtgcttg	360
ggtcggttatc	caaccaaagg	tgtctttgtc	gatcaggata	aaatgtatcg	cgacacaaaa	420
gccatttttg	atgagctgga	tattgatatc	gacccgcgcg	cccgcgtcgg	gacattatcc	480
gtttcccaga	tgcagatgat	cgaaattgcc	aaagcgttct	cctatgatgc	gaaaattgtg	540

atcatggatg	aaccgacatc	gtcattaacg	gaaaaagagg	ttaaccacct	ttttaccatt	600
attcgtaagc	tgaaagatcg	cggtgtggc	attgtctata	tctcacataa	aatggaagag	660
atcttccagc	tgtgcgatga	aatcaccatc	ctgcgcgacg	gtcagtggat	tgccaccag	720
ccgctggaag	ggctggacat	ggacaagatc	atcgccatga	tggttggccg	ttctctgaac	780
cagcgcttcc	cggataaaga	aaacaagcca	ggcgaagtga	ttctggaggt	gcgtaacctg	840
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ctggcgaaaa	aagataaagg	gatcattatt	atttcttccg	aaatgccgga	attgttaggg	1440
atcacagacc	gtattctggg	tatgagcaat	ggtctcgttg	ccggtattgt	tgaaaccaa	1500
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<210> 223

<211> 1026

<212> DNA

<213> Enterobacter cloacae

<400> 223

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ttcttaagtc	tgtgaactt	gagtaacatt	ctgaccag	cttccgtacg	tattattatc	180
gcgcttggcg	tggcgggact	tatcgttacc	caggggactg	acctttcggc	agggcgccag	240
gtgggtcttg	cggcgggtcat	tgcggcgacc	ctgttgacgt	cgatggaaaa	cgccaacaag	300
gtattcccgg	agatggcgac	catgcccatt	ttcgtggtga	tcctgatcgt	gtgtgccatc	360
ggcgcggtaa	ttggcctgat	taacggcatc	atcattgctt	acctgaacgt	gacgccattc	420
atcactacgc	ttggcacgat	gatcatcggt	tatggtatca	actccctgta	ctacgatttc	480
gtcggcgcg	ctccaatctc	tggcttcgac	agcggcttct	cgaccttcac	gcagggtttt	540
gttgcgctcg	gcagcttccg	tctctcctat	atcaccttct	atgcgctgat	tgcggtggca	600
ttcgtctgga	tcctgtggaa	caaaacccgc	ttcggtaaaa	acatctttgc	tatcggcggt	660
aaccgggaag	cggcgaaggt	ctccgggggtc	aacgtggctc	tgaacctgct	gatgatattat	720
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ggcgtctcct	tcagcggcgg	cgtgggtacc	gtgctggcgg	tggtgaccgg	tgtgatcatc	900
ttcaccggtta	tcaactacgg	cctgacctac	atcgggtgga	accggtactg	gcagtacatt	960
atcaagggtg	cgatcatcat	cttcgcgggtt	gccctggatt	caactgaagta	cgcgcgtaag	1020
aaataa						1026

<210> 224

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 224

ttacttttga	ttaaaaceag	gagtcaaacg	atgagtaaag	tgaaaaccat	caccggtgaa	60
tcattggattc	taagtacctt	tccggagtgg	ggtagctggc	tgaacgaaga	gatcgagcag	120
gaacaggttg	ctcctggcac	atttgcgatg	tgggtggctgg	gctgcaccgg	gatctggctg	180
aaatcagaag	gcggcgccaa	catttgtgtt	gatttctggt	gcggcaccgg	caaacagagc	240
cacggcaatc	cactgatgaa	aaaaggccac	cagatgcagc	gtatggccgg	cgttgaaaaag	300
ctccagccga	acctgcgcac	cacgcctttt	gtgcttgatc	cttttgccat	tcgccagatc	360
gacgccgttc	tctctaccca	cgatcacaa	gatcatatcg	acgtgaacgt	ggcggcagcg	420
gtaatgcaaa	actgcgcgga	cgacgtaccg	tttatcgggc	cgcagacctg	cgtggatttg	480
tggattggct	ggggcgtgcc	aaaagagcgc	tgcacgtgga	tgaagccggg	cgacgtggtg	540
aaaatcaaag	acattgagat	tcacgcgctg	gatgcctttg	accgcaccgc	gctgatcacc	600
ctgcctgccg	atcagaaagc	cgcaggcgta	ctgccagacg	ggatggacga	gcgcgcagtg	660
aactatctgt	tcaaaacgcc	tggcggttcc	ctgtatcaca	gcggtgactc	ccactactcc	720

aactactacg	cgaagcacgg	taacgagcac	cagattgacg	tggcgcttgg	ctcttacggt	780
gaaaacccgc	gcgggatcac	cgacaaaatg	accagcgcg	atatgctgcg	tatggccgaa	840
gcgctgaaaa	cccaaattgg	gaatcccgtc	caacaa			876

<210> 225

<211> 804

<212> DNA

<213> Enterobacter cloacae

<400> 225

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ctctacaacg	tctttaccgt	tttctttaat	caggtaatga	ccaacgcccc	gctgttgctg	120
ggtatcgtga	cgtgcctggg	gtacatcctg	ctgcgcaaaa	gcgtcagcgt	gattatcaaa	180
ggcaccatca	aaaccatcat	tggttttatg	ctgttgacgg	cggggtctgg	cattctgacc	240
agcacgttta	agccggttgt	tgccaaaatg	tcagaggtgt	acggcattaa	cggcgccatc	300
tctgacactt	acgcgtccat	gatggccacc	atcgatcgca	tgggagatgc	atacagctgg	360
gttgggtatg	cggtagctgt	cgcgctggcg	ctgaacatca	tttacgtgct	cctgcgccgt	420
atcaccggta	ttcgcaccat	catgctcacc	gggcacatca	tgttccagca	ggcggtctgt	480
attgccgttt	ctctctatat	cttcggctac	ccaatgtgga	ccacggtcac	ctgcacggca	540
gtgctggctc	cactttactg	gggcatcacc	tccaacatga	tgtataagcc	aacgcaggac	600
gttacggacg	gctgcggttt	ctccatcggg	caccagcagc	agttcgccct	ctggattgct	660
tacaaagtgc	cgccgtacct	gggcaaaaaa	gaggagagtg	ttgaagatct	caaattgcct	720
ggctggctga	atatcttcca	cgacaacatc	gtctccacgg	caattgtgat	gaccattttc	780
ttcggcgcca	tgtcttcaca	cacg				804

<210> 226

<211> 388

<212> DNA

<213> Enterobacter cloacae

<400> 226

acccgccgct	ccagcctgcc	gcgaggccat	gacatgcgag	gtgactgtcg	gcggtgccag	60
cctgcgtctg	tccggggatt	tatcacctgc	acttctgaaa	acgctgatcc	gcgagctgac	120
cgggaggagc	cgatgatacc	cttaccgtca	ggcactcgta	tctggctggg	tgccgggggtc	180
accgatatgc	gtaagtcctt	caatggctctg	ggcgaactgg	tccagcatgt	tcttgatgac	240
aatccgttct	ccggccacct	gtttatcttc	cgtggctcgt	aaggtgacac	cgtgaggatc	300
ctctgggctg	atgctgacgg	tctgtgtctg	tttaccagac	ctctggaaga	gggactgtct	360
acacgccgcg	atggaagaga	gaaagtgg				388

<210> 227

<211> 420

<212> DNA

<213> Enterobacter cloacae

<400> 227

tggactctat	caatgtcaaa	cactcttcag	ccccgcaggg	cgcgggcgtc	ctactcaatg	60
gactttaagc	tggctctcgt	cgaaaagtca	tatcagcctg	gagcctgtgt	tgccccggtg	120
gcgcgggata	atggaattaa	tgacaatctg	ctgtttacct	ggcgccagcg	ttacagacat	180
cttctgcccc	atgaaataca	acgggtcaatc	agagagcaag	actctgttat	ccccgttggtc	240
ctgcctgata	tggccctgtc	acaccatgct	gagccgcact	atgaaccgcg	cgtccagacc	300
tgccgcgagg	ccatgacatg	cgaggtgact	gtcggcggtg	ccagcctgcg	tctgtccggg	360
gatttatcac	ctgcacttct	gaaaacgctg	atccgcgagc	tgaccgggag	gagccgatga	420

<210> 228

<211> 633

<212> DNA

<213> Enterobacter cloacae

<400> 228

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aacaataaag	gtggctcctg	taagaccagt	tccgctacca	atctggctgt	tcactatgcc	120

agatcagggg	agcggacgct	gttgattgac	tccgaccagc	aggccaatac	gacagaagtc	180
accgcaaagt	gtaaaaagta	ctattccatg	tatgggccaa	ctatttgcca	tctctacagc	240
aattctcgat	ttgatatccg	cgatgtcatc	atccccgcga	tggccgggtga	tgctcctatc	300
cctaacctgg	atctgattcc	gtctgacccg	acgttcgaaa	aaattattga	acagaccctt	360
acccgcagtc	accgcgaaaa	aatcctgggc	cgatcatctc	agaaagtctc	cactgaatat	420
gattacatca	ttattgactg	tgcacctggg	ctcaatatcg	caaccggcaa	tgcaattttt	480
atcgccgatc	atgttctggg	acctgtcgat	ggcgggagtt	tttctctgag	tggtcttgaa	540
atcatgctgg	actatatgga	tgagatctct	gaggaagatt	atgcacgctt	cagtgtcttc	600
accacagagc	gcgacggatc	cgcgctagaa	tat			633

<210> 229

<211> 1212

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222> (82)

<400> 229

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gtcgttactg	cacttgcatc	gntgggtcagc	acagaccgca	aaaaaattcg	tatgcgctat	120
gttggtccagc	tgctgggtcat	tgaagtttta	cttgcggtgt	tcttctcgaa	ctccaacgta	180
ggcctcggct	tcgtgaaagg	cttctccgaa	atgttcgaaa	aactgctcgg	atthgccaac	240
gaagggacca	acttcgtctt	tggcagcatg	aacgatcagg	gcctggcctt	cttcttctctg	300
aaggtactct	gccctatcgt	cttcatctct	gccctgatcg	gtatccttca	gcacatccgc	360
gttctgccc	tggttatccg	tgcgatcggc	ttcctgttat	cgaaagttaa	cggcatgggt	420
aaactggaat	cctttaacgc	agtcagctca	ctgatcctcg	gtcagtctga	gaacttcatt	480
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tacgtgggtg	cggccctggg	tctgaatatg	ttcagcacct	ttatcgttct	ttcgctgatt	660
aaccggtacc	gcgtggatgc	cagcgaagag	aacattcaga	tgtctaacct	gcacgaggga	720
cagagcttct	tcgaaatgct	gggtgaatac	attctggcgg	gtttcaagg	tgcaattatc	780
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gtatccaacg	aattcgtggc	gatgatggat	ctccagaaga	ttgccagcac	actctcccca	1020
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atcatcgctg	gcgcgattaa	aggcctgaac	gaagagcagg	gtaacgtggg	ttctcgcttt	1140
ggcctgaagc	tggtttacgg	ttcaacgctg	gtgagcgtcc	tgtctgcctc	tattgcagca	1200
ctggttctgt	aa					1212

<210> 230

<211> 651

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222> (249)

<400> 230

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gttttatttc	cggtgattgg	tcatthaaac	ttgagcaacc	ggttgaactt	gaagttgttg	120
gaaaaattgt	tgatgtggat	gcgcagcaat	cggtccggac	gtgcaggaa	gcgtttctcc	180
gtcaatctga	tgccgctgac	gctgatgcaa	aatgagattg	cggctgagat	cattgccctt	240
tttgaacgnt	acgccattgc	gccgcaaaa	atcatcattg	agatcaccga	ggaacaggct	300
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attgccatag	acgactttgg	taccggctat	gccaaactttg	agcgcctgaa	gcggctggag	420
gccgatata	ttaaagatcga	tggttgcttc	gtgaaagata	tctgcaccga	cagcatggat	480
gcgatgatcg	tgcagtccat	ttgcaacatg	gcaaaaacga	aatcgctgtg	tgtgggtggct	540

gaatatgtgg	aaacggctga	acaacgcgag	atgttggtgc	gatttggcgt	agattatttg	600
cagggctatt	tgattggtaa	acccacgcct	ctgacggcgc	tggaagcata	a	651

<210> 231

<211> 873

<212> DNA

<213> Enterobacter cloacae

<400> 231

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cagccattgt	cactggataa	tgtggcgga	aaagcaggct	attccaagt	gcatctgcaa	120
aggatgttca	aggatgtcac	cggtcatgct	atcgggtgcct	atattcgcgc	acgtcgttta	180
tcaaagtcgt	ctggtgcggt	gcgcctgacc	gcgcgaccaa	tccttgatat	tgccctgcaa	240
tatcgtttcg	attcacagca	aactttcacc	cgcgcttta	aaaagcagtt	ctcgtaacg	300
ccagcgcttt	atcgccgctc	gccggactgg	agctcctttg	gtatgcgtcc	gccgctgcgt	360
ctgggcgagt	ttgcgatgcc	aaaatatgaa	atcatcaccc	tgccagaaac	gcacctggtc	420
ggcaccacgc	agagctactc	ctgttccctt	gagcagatct	ccgagttccg	ccatcagatg	480
cgcgttcagt	tctggcgcgga	atttttaagc	catgctccgg	cgatcccggc	gattctgtat	540
ggtttgaacg	aaacgcatcc	aagccaggaa	aaagatgacg	agcaggaggt	gttctatacc	600
acggcgctga	cgctgatata	ggcgaacggt	tacattcatg	gctcgaagcc	tgctgtgctg	660
gaaggcgggc	agtatgtgat	gttctcatac	gaagggttag	gaacggggcgt	tcaggagttc	720
atcctgaccg	tttacgggac	ctgcatgccg	atgctgaatc	tgaatcgccg	taaaggtcag	780
gacattgagc	gctactatcc	ggcgcaagat	gctaaaccgg	aagaaggccc	tatcaatctg	840
cgtatggaat	tcctgattcc	ggtacgtcgt	taa			873

<210> 232

<211> 201

<212> DNA

<213> Enterobacter cloacae

<400> 232

ctcatggaga	gcgaagcgcg	ccgcttcac	gcgctggtag	atgagtttta	cgagcgccac	60
gttaagctgg	tggtcagcgc	cgagggtgcct	ttatatgaga	tctatcaggg	cgagcgccctg	120
aagtctgagt	tccagcgctg	cctgtcgcgc	ctgcaagaga	tgcagagcga	agagtacctc	180
aagcgtgagc	atatgccgta	a				201

<210> 233

<211> 432

<212> DNA

<213> Enterobacter cloacae

<400> 233

ggtcgcgcta	ccaggccggt	taagagacca	aagttggacg	aagatgagat	tggaacagcg	60
ttgctgagca	ttccctgcgt	cggaacactg	acagcgagta	ctatttcaac	tgagattggc	120
gacgggaagc	agtagccag	cagtcgtgac	tttgccggcg	caacagggct	agtgccctga	180
cagtacagca	cgaggagtcg	gacgacattg	ctgggaatta	gtaagcgagg	taacaaaaag	240
atccgaactt	tgttggttca	atgtgccagg	gtattcatac	aaaaactgga	acaccagtct	300
ggcaaattgg	ccgattgggt	cagggatcta	ctgtgtagga	aaagcaactt	tgctgctact	360
tgtgctctgg	caaacaagct	ggccagaatt	gcctgggccc	taacggcacg	acagcaaaact	420
tatgtagcat	aa					432

<210> 234

<211> 882

<212> DNA

<213> Enterobacter cloacae

<400> 234

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ctaacaaaaa	tttgcgatac	tttcagtgag	attcacggca	cagaacgatt	tcctgttaat	120
gttgaggaat	tgtctctgga	ggcggcagag	ttgttcaaat	gggctgaccc	tatagtaaaa	180
atagaacccg	ttgacatcaa	aggatttgat	ggtgcattaa	tggccaatga	atctcgcagc	240

cgttggatgc	tactttacaa	taacgggttta	acatcccctg	gtagaattcg	attcactcag	300
gcacatgaac	tgggacatta	catacttcat	cgtctaattc	gtgatgagtt	cagatgtagc	360
agtgatgata	tgttatcctg	ggaagataaa	aattattgaat	cagaagcaga	tttatttgct	420
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gacgtattaa	gtcagtatgc	gattcgttat	ggagtatcgc	tgacagcagc	tgcattaaaa	540
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ggaatgaaga	tccctgcac	aatttggttc	cctcatgcag	ataaagacgc	ttcagtgctg	780
gaaatgaaaa	tacattcaga	acagtatgaa	tatgtcatca	cccttcta	cctttcccga	840
aaaacaactg	tatggcctcc	ttttcatggg	gaagatgagt	aa		882

<210> 235

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 235

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gccatttccg	atgccacgtt	ttacatctgg	cgtaagaagt	atggcggtat	ggaggtgcct	180
gaagttaagc	gcctgaagtc	gcttgaggaa	gagaacgcca	gactcaagaa	gctgcttgcc	240
gaagccatgc	tggataaaga	ggcgcttcag	gtggctcttg	ggcgaaagta	ctga	294

<210> 236

<211> 185

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (171)

<400> 236

agaggcgctt	caggtggctc	ttgggcgaaa	gtactgacga	cagaccaaaa	gcgggaaacc	60
gtgatgttga	tgtgtgatgc	gaacgggtctg	tcgcaacgtc	gtgcctgcag	gcttacaggt	120
tttatcctgt	cgacctgccg	ctatgaggct	caacgtccgg	ctgctgatgc	ncatttatca	180
ggg						185

<210> 237

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 237

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gtttttatag	atgatgatta	caatcatgtc	gtcatcatga	gtgatgttgt	gcagcggtta	120
catttatatc	gtcaattaca	ttatgccagt	accgaggcag	gaggaaccct	tattggagaa	180
cgtcgaggga	aacatattgt	catcactcac	atatcagaac	ctggatcagg	tgatgtaaga	240
tcgcgaacac	gaatagaaa	aaaaggagaa	catcatcagc	aaaaagtgg	tgacttattt	300
cagcaatcag	atggttctct	agtctatttg	ggcgaatggc	atacgcaccc	cgaagatttc	360
ccacagccat	caagtactga	tatgagggtc	tggcgaaccg	gactgaaagc	gaccgagcca	420
atggttttgc	ttattatggg	taggaaacaa	gcatggtgtg	gtaaaaagca	tgggaatgtc	480
ataaaaaaat	tagaagaaaa	aaacaatcat	tga			513

<210> 238

<211> 1122

<212> DNA

<213> Enterobacter cloacae

<400> 238

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cttcacagta	aagactcagt	aatcaatcat	tatgccgatc	gttatcaatg	ttatatgcc	120
attgatgtcc	gtaatggatt	aagaagcaat	agtatagatg	cgtcgaattc	atctctccca	180
tgggatgtaa	cattaccttt	agtcacgact	gaagatgttt	cacgtgataa	agcgcttggg	240
gcgtttgtgg	gattggctgt	tggggacgcc	gtcggcacca	ctcttgagtt	taagaaaaga	300
gacagtgaac	atgtagcaga	tatgattggt	gggggacctt	ttcaattaaa	acctggtgaa	360
tggacagatg	atacgtccat	ggcattatgt	ctggcagaga	cttatctttc	agaaaacaga	420
atgcacaccg	atgtgcttag	aaaatatctc	ctgaaatggt	atcttgacgg	agagaatagc	480
agtaatggtc	ggtgcttcga	tatcggcaat	acgacgcggt	tcgcgcttga	acagtatatg	540
cgtgtcggac	cttcctggta	tggtaataca	gagaaacaca	ctgctggtaa	tgctgggggt	600
attcgtcaag	caccgggtatc	tatctttcgt	cgaaaatcac	tgctgcgat	ttacttcgaa	660
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ctcggattgg	tattgcacta	tttaatacaac	ggttatcaaa	aagaaggagc	tttttcgcct	780
catgttttcc	cactgtgcgc	gcgtgtaatg	atcataaacg	cgggtgagta	taagcaaaaa	840
actcgcgacc	agattcgttc	aagtgggttat	gttatcgata	cgcttgaggc	tgcgatgtgg	900
tccgtatgga	atacggataa	tttccgtgat	gccattctgc	tggcagccaa	ccttgccgat	960
gatgctgaca	gcgttgccgc	gacggcggga	caaatagcgg	gggcgttgta	tggttattcc	1020
gctatcccgc	aggactggaa	agataaactc	gtacaacacg	aacgtattgc	cacaatggcg	1080
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<210> 239

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 239

tttgatacga	gccaggtgag	gatgagaacg	atgaaaaaat	gggcagtaat	tatctcagca	60
gtcggtttag	cgtttgccgt	atcgggttgt	agcagcgact	atgtcatgtc	aacgaaagat	120
ggtcgtatga	tcctgaccga	tggcaaaccc	gaagtcgacg	acgataccgg	tctggtgagt	180
taccgcgatc	gcgaaggcaa	tcaaatgcag	attaatcgcg	acgaagtctc	ccagatcatc	240
gagcgctaa						249

<210> 240

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 240

aaaaggaaac	cggctatgca	ttatcatcgt	atccccca	gcgctctgga	gatcagccaa	60
ctgggggttg	gcacatgac	atttgggtgaa	caaaacagcg	aagccgatgc	ccatgcacaa	120
ctcgattacg	ccgtcagcca	gggcattaac	ctgattgacg	tggcggagat	gtaccccggt	180
cctccccgcc	cggaaacaca	aggtcttact	gaaacgtatg	tcggcaactg	gctggcgaaa	240
cgcggaatc	gcgaaaagct	ggtcatcgcc	tccaaagtca	gcggaccttc	ccgtaataac	300
gatgccggga	tccgccctaa	tcagatcctc	gatcgcaaga	atatccgtgc	ggcgctggat	360
gcaagcctca	agcgctgca	aaccgactat	ctcgatcttt	atcatgtgca	ctggcccgag	420
cgtccgacga	actgcttcgg	taagcttggc	tacacctga			459

<210> 241

<211> 324

<212> DNA

<213> Enterobacter cloacae

<400> 241

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cgggcgggta	agatccgcta	catcggcgtt	tccaacgaga	cggcgttttg	cgtgatgcgc	120
tatctgcata	tggccgataa	acacgatctg	ccgcgcacgc	tgaccattca	gaacccgtac	180
agcctgttga	aacgcagtta	tgaagtgggt	ctggcgaggg	tgacgcagta	cgaagagggtg	240
gagctgctct	cccaactcct	gtctgggctt	cggtagcctg	acgggcaaat	acctgaacgg	300
cgcgaaaccg	gctggcgcg	gtaa				324

<210> 242

<211> 729
 <212> DNA
 <213> Enterobacter cloacae

<400> 242
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 tcccctcccc tcagtgaagc ccagttgctc cagcaggcgc aacgtctggc aggctattca 120
 ctgggcgagc tggccgtgat ggcgggggtt acgataccca acgatctgaa gcgtgataaa 180
 ggctggatcg gcgtgttgct ggaacgctgg ctgggcgcaa gcgcgggcag taaacccgag 240
 caagattttg cggcgctggg ggtggaactg aagacgatcc ccatcgatag ccaggggcgg 300
 ccgctggaaa ccacctttgt ctgcgttgcg ccgctcacgg gtaacagcgg agtgacctgg 360
 gaaaccagcc acgtcaggca taagctgaag cgggtgttgt gggtagccgt tgagggcgac 420
 aggcagatcc cgctggcaga gcgtcgcgtt ggcgcgccgc tgctctggag tccgaatgat 480
 gaagaggaga gactgctttc ccaggactgg gaagagctga tggacatgat tgtgctggga 540
 caggttgagc ggatcacgcg ccggcatggc gaaatgctgc aacttcgtcc taaagccgcc 600
 aatagcaaag cgctcactga agcggtatgc gcacaggggc aaccgatcct gacgctgccg 660
 cgcggtttct atcttaaaaa gaatttcacc ggggcactgc tggcacgcca cttcctgttg 720
 aaaacatag 729

<210> 243
 <211> 375
 <212> DNA
 <213> Enterobacter cloacae

<400> 243
 cgagtagcga agaggtggag ctgctcccc aactcctgtc tgggcttcgg taccctgacg 60
 ggcaaatacc tgaacggcgc gaaaccggct ggcgcgcgta acacgctttt cagccgcttc 120
 acccgctata gcggcgagca gacgcaaaaa gccgttgcg cctacgtgga tatcgcgaaa 180
 cgccacggac tcgatccggc gcagatggcg ctggccttcg tgcgtcgtca gccatttgtg 240
 gcgagtaccc tgctcggcgc aacgacgatg gatcagttga aaaccaatat tgagagtttc 300
 aatctgaacc tgagtgaaga ggtattagcg gagatagaag cgggtgcatca ggtttatacc 360
 tacccggcac cgtaa 375

<210> 244
 <211> 354
 <212> DNA
 <213> Enterobacter cloacae

<400> 244
 accgtcgcgc gctgcatgcc tgcggggatc gtgattggcg tcggcgttct gttcttctcc 60
 ctgcaacatg ccctattgcc tgccatgcc ctgctgttgc tgatcgcat gttaggcggg 120
 ttctttgtgg tgccgctaaa cgcgctgttg caggagcgcg gcaagcagac cgttggggcg 180
 ggtaacgcca ttgcggtgca aaaccttggt gaaaacatgg cgatgttgct gatgctgggg 240
 atttactcgc tggcggtaaa agcagggtgc ccggtcgtgg caatcggggt aggattcggc 300
 gcgctgttcg cgctggcgat tagcgggctg tgggtctggc agcgtcgtcg ttga 354

<210> 245
 <211> 915
 <212> DNA
 <213> Enterobacter cloacae

<400> 245
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 gccgggcacg acatgtctgc catgcagatg ccagcagatg agaatttcac tgagatgacg 180
 tcaatggagc ccattgtaac tgagagcaga acgccaattc cgcctgttac cgatgccgac 240
 cggaaggctg cattcggaac ttacagggg catgcgattc acgacagtgc gattaattat 300
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 agtggttaac gctggattgg aggcgacaca gatcggattt ggctaaagag tgaagggtgaa 420
 cgaagcaatg gggaaacgga ggcggctgaa gcgcagttac tctggggaca tgcggttggc 480
 ccatggtggg atttggttgc ggggtgtcagg caggatttca gacctgcttc tgcccggacc 540

tgggctgctg	tcggttttca	ggggctggca	ctctataatt	ttgagtctga	aattacgggt	600
tttgtcagta	atggcgga	agcagccctt	cgtctgggag	gagaatacga	cgttttactg	660
actaacgggc	tcatactcca	gccatcctat	gaggtgaatt	tctacagtca	ggatgatgaa	720
tcgcggggtc	gcggcagggg	actgactgac	acagagctgg	ggctccggct	gcgctatgaa	780
atacgccgtg	agtttgcacc	ctatataggc	gtttcctgga	atcaacttta	cgggaaaaca	840
tccgatatgg	cgaaaagaga	aggtgagaaa	gaccatcagg	tagtattcct	ggcgggagcc	900
agaatctggt	tttaa					915

<210> 246

<211> 420

<212> DNA

<213> Enterobacter cloacae

<400> 246

cgcactgata	taaaacactc	aactaaacag	gtaaataaaa	tgtcgatttt	aaataaagcc	60
attcttacag	gtggcctcgt	tatgggcggt	gctttctctg	ctatggccca	tccggaatta	120
aaaagctctg	tgccacaggc	tgattcagcc	gtagcggccc	cggaaaagat	tcagcttaat	180
ttctcgga	atctgaccgt	gaaattctca	ggtgcaaaat	taacgatgac	gggtatgaaa	240
ggcatgtcat	cacattctcc	gatgccggtc	gcggcaaaag	tggcgccagg	cgctgaccct	300
aaatcgatgg	tcattattcc	gcgagagcct	ttaccgcgtg	gcacttatcg	tgttgactgg	360
cgcgcggttt	cttcagatac	gcaccctatt	accggttaatt	acacctttac	agtgaagtaa	420

<210> 247

<211> 1473

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (2)

<400> 247

anacatttta	tgggcgtaca	gcctgatgat	acctacgttt	acacotttaa	ggttaagcag	60
aacgggactt	actggtacca	cagccattcc	ggtctgcagg	aacaggaggg	ggtatacggg	120
gccattatca	tcgatgccgg	ggagccagaa	ccgtttactt	acgatcgtga	gcatgtggtc	180
atgttgctctg	actggaccga	tgaaaatcct	cacagcctgc	tgaaaaaatt	aaaaaaacag	240
tcggattact	acaattttcaa	taaaccaacc	gttggctctt	ttttccgcga	cgtgaatacc	300
agggggctgt	cagccaccat	tgccgatcgg	aaaatgtggg	ctgaaatgaa	aatgaatccg	360
actgacctcg	cggatgtcag	tggtacaccc	tacacctatc	tcatgaacgg	gcaggccccg	420
ctgaaaaact	ggaccggact	gttccgtccc	ggtgaaaaga	tacgcttacg	gtttatcaac	480
ggctcggcaa	tgacctattt	cgatatccgt	atccccgggc	tgaaaatgac	ggctcgtggct	540
gcagatggcc	agtatgtaaa	cccggttacc	gttgacgaat	tcaggattgc	cgttgccgaa	600
acctatgatg	tcattgtgga	gcctcagggt	gaggcctata	ccatcttcgc	acaatccatg	660
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catgatatgg	caggaatgga	ccacagccag	atgggaggca	tggataacag	cggagagatg	840
atgtctatgg	acggtgctga	ccttccggat	agcgggacat	cctccgcgcc	catggatcac	900
agcagcatgg	ccggtatgga	tcattcccgg	atggccggaa	tgccgggtat	gcaaagtcat	960
cctgcgtcag	aaacggataa	cccactggtt	gatatgcagg	cgatgagcgt	ctctccgaaa	1020
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ttgaaaagcc	gctttgagga	tcctgacgga	cgtgaacctg	gccgtaccat	agaactgcat	1140
ttaaccggcc	acatggaaaa	gtttgcctgg	tcatttaacg	gaatcaagtt	ttcagatgcc	1200
gcaccgggtgc	tgctgaaata	cggtgagcgg	ctcaggatca	cgctgatcaa	cgataccatg	1260
atgactcacc	ccattcacct	gcattggtatg	tggagcgatc	tgggaagatga	aaacggtaat	1320
ttcatggttc	gtaaacacac	aatagatggt	ccccctggta	caaaacgcag	ttacagagtg	1380
acagcagatg	cgcttgcccg	ctgggcgtat	cactgccatt	tgctctatca	catggaaatg	1440
ggaatgtttc	gtgaagtccg	ggtggaggaa	tga			1473

<210> 248

<211> 273

<212> DNA

<213> Enterobacter cloacae

<400> 248

agtaatat	atgaacgac	ctgattat	gattatgatt	gttatttcg	ttctttcttta	tctggatttg	60
atggtaatat	ttggattg	ccatttttc	agatattgga	taagcgggt	gagacatgaa		120
acctataacc	tgactaatt	tcaggctgt	ataactttt	ctgttggtac	aggcatcatt		180
cttactggca	ttaatatg	cttggtat	aatgccatg	gtggagtaac	tgacctcaga		240
gaattatcca	tccatgttat	cgagatggt	ata				273

<210> 249

<211> 1362

<212> DNA

<213> Enterobacter cloacae

<400> 249

acaaactcaa	acagctcgca	gggttaatt	tactatatac	agggcagtc	tgctgccctg	60
tcaggagggt	ttatgttact	ggcaggagca	attttcatcc	tgaccatcgt	gttggttatc	120
tggcagccga	aggggttagg	gattggctgg	agcgccatat	ttggcgcaat	actggcactc	180
atatctggtg	tagtacacat	taccgacatt	ctggtggtat	ggaatatcgt	ctggaacgcc	240
acagcaacct	ttattgccgt	gattatcatc	agtttgctgc	tggtatgagtc	tggtcttttt	300
gaatgggcag	cattgcatgt	ttcccgtgg	ggaaatggcc	ggggtcgcc	gctgtttact	360
tatatcgttc	tgctcggtgc	tgcggtagca	gcgctatttg	ccaatgatgg	tgacgctctc	420
atcctgacgc	cgatcgttat	tgccatgttg	ctggctctgg	gattcagtaa	aagcgctacg	480
ctggcatttg	taatggctgc	agggtttatt	gccgataccg	ccagcctgcc	gctgattgtg	540
tcgaacctgg	tcaatattgt	ttctgctgac	ttcttccatc	tggtattcac	ggaatatgcc	600
tccgtgatgg	tgctgtgga	tattgccgcc	attattgcca	cgctgggtgat	gctgcatctg	660
tttttccgca	aagatatccc	accgacctat	gatctgaacc	gactgaaaga	accggctctt	720
gctatcaaa	acccggcgac	gttcagaact	ggctggattg	tattaatcct	tctgctggta	780
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gctatcctct	ttttcgtggc	taaaaaagg	catgccatta	acaccggtaa	agtcctgcgt	900
ggtgcaccgt	ggcagattgt	gattttctca	ctgggaatgt	atctgggtgt	ttatgggttg	960
cgtaatgccg	ggctgacaga	atacctctct	ggcgtattga	atttatttgc	agacaaaagg	1020
ctttgggctg	ccacatttgg	cacgggattc	ctgacagcat	tcctgtcatc	catcatgaac	1080
aacatgccta	ctgtattgat	tggtgcattg	tcgatcgatg	gcagcaccgc	atcgggtgtc	1140
atcaaagaag	caatgattta	tgccaatgtc	atcggttgcg	atctgggacc	taaaattacg	1200
cctattggta	gcctggcaac	gctactctgg	ctgcatgtac	tttcacagaa	gaacatgaca	1260
atcacctggg	gatactat	ccgcaccggg	attatcatga	ctctgcctgt	gctgtttgta	1320
acgttgccg	cgctggcgct	acgtctctct	ttcactttgt	aa		1362

<210> 250

<211> 279

<212> DNA

<213> Enterobacter cloacae

<400> 250

gatactgata	tgagcaacat	taccatttat	cacaaccag	cctgcggcac	ctctcgcaac	60
acgcttgaga	tgatccgtaa	cagcgggtaca	gagccgaccg	ttattcatta	tcttgagaca	120
ccaccatcac	gcgatgaact	ggttaaactt	attgcggata	tggggatcac	agtacgagcg	180
ctgctgcgta	agaatgtcga	accttttgaa	gcgttagggc	tggcgggaaga	ccgttttact	240
gatgatcagt	taatcgactt	tatggtaagc	gttaagtga			279

<210> 251

<211> 336

<212> DNA

<213> Enterobacter cloacae

<400> 251

aaacagaaa	gccatgtctc	tacgccaatg	atgcagcttc	aggatccgga	aagaacaaaa	60
gtattactgg	tcactctgcc	ggaaacgacc	cccgttcttg	aggctgcaaa	tttacaagcc	120
gatcttgaac	gtgcgggat	tcatccatgg	ggctggatta	tcaataacag	tctttccatc	180
gctgaaaccc	gttcaccgct	gcttcgtcag	cgctcgcagc	aggaactgcc	tcaaatcgag	240

gctgtaaaga	accagcatgc	tacccgtgtt	gcactggttc	ctgtttcttgc	ggcagagcca	300
accggtatag	acaaactcaa	acagctcgca	ggttaa			336

<210> 252

<211> 639

<212> DNA

<213> Enterobacter cloacae

<400> 252

gatagcattg	cgtggatgcc	tcgccccgct	gtggtgaaaa	cgttggttcag	cgcagagcgt	60
gaaggtggcc	cgttgacaga	agcggcatgc	tgggctcatg	cgcggcgcaa	aatccatgac	120
gtctatatca	gcacccggac	ggccacagca	gaggaggctc	tgaagcgcat	cagtgaagta	180
tacgcgatag	aagaggaaat	acgcggcctt	ccggcatctc	agcggctggc	cgccagacgg	240
tcccgaagta	aaccgttgct	gatatccctg	catgactggg	tgggtggagaa	aagagccact	300
ctgtcgaaaa	aatcccgggt	aggcgaggcg	ttcgcttatg	cactgaacca	gtgggatgcc	360
ctgtgttact	actgcgatga	tgggtctggc	gagccggata	ataacgctgc	tgagcgcgcg	420
ctacgagcgg	tctgtctggg	caagaaaaac	tacatcttct	tcggcagtga	tcatggtggg	480
gaacgtgggtg	ccctgctgta	tgggtctgatc	ggaacgtgca	ggctgaacgg	tatcgatcca	540
gaggggttacc	ttcgccatat	cctgagcgtg	ttgccggagt	ggcccatcaa	caaagtggcc	600
gaactgctgc	catggaacgt	agatctcacc	aataaatag			639

<210> 253

<211> 426

<212> DNA

<213> Enterobacter cloacae

<400> 253

agacagccgc	agcctgggtc	acagccgatg	cagacgcagc	tggtcacacc	gtctaacgat	60
ccggggccagg	ttgcgcgggt	tgaacctgaa	ccggttcagg	aagatcagga	gcaggccgcc	120
accccttcag	agccacaggc	gcaacagccc	accggcattg	agcagcagtg	gcgttcgat	180
cgcgtagagc	ctgggaaaaac	tcttgcccag	ctgttcgcgc	accacaattt	gccagcaacg	240
gatgtgtatg	ccatggcgca	agtgcagggg	gcaggcaagc	cgctcagcaa	cctgcaaaat	300
ggtcagatgg	tgcagatccg	tcagaacgcc	agcggcgtgg	tgaccggggt	aacgatcgat	360
accggcaacg	ggcagcagggt	actgtttacc	cgccagccgg	acggcagttt	catcagagca	420
cgtaa						426

<210> 254

<211> 462

<212> DNA

<213> Enterobacter cloacae

<400> 254

gaggataagg	taatgcaagt	tattctgctt	gataaagtag	caaacctggg	cagcctgggt	60
gatcaggtaa	acgttaaagc	gggttacgct	cgtaacttcc	tggttccaca	gggttaaagct	120
gttccagcta	ctaagaaaaa	cgtagagttt	ttcgaagcac	gtcgtgctga	actggaagcc	180
aaactggctg	acgttctggc	ggctgctaac	gctcgcgctg	aagcaatcaa	cgcactgggc	240
accgttacca	tcgcgtccaa	agctggcgac	gaaggtaaac	tggttcgggtc	catcgggtacc	300
cgcgatatcg	ctgatgcagt	tactgcggca	ggcgttaaag	tggctaagag	cgaagtctgt	360
ctgcccgaacg	gcgttctgcg	taccactggg	gagcacgaag	ttgacttcca	gggtcacagc	420
gaagtgttcg	ctaaactggg	tggttaacgta	gtagctgagt	aa		462

<210> 255

<211> 246

<212> DNA

<213> Enterobacter cloacae

<400> 255

attctggaga	ctagccatat	ggcacgttat	ttccgtcgtc	gcaagttctg	ccgtttcacc	60
gcggaaggcg	ttcaagagat	cgactataaa	gatatcgcaa	cgctgaaaaa	ctacatcacc	120
gaaagcggta	agattgtccc	aagccgtatc	accggtactc	gtgcaaaata	tcagcgtcag	180
ctggctcgcg	ctatcaaacg	cgctcgctac	ctgtctctgc	tgccgtacac	tgatcgatcat	240

cagtaa

246

<210> 256

<211> 957

<212> DNA

<213> Enterobacter cloacae

<400> 256

aacgcaattt	tatttatgag	atttgtcatg	gatactgctc	tgcccacgcc	cgtctttgcc	60
cgtcgaaatg	tggcctatgc	ctgcgccacg	ctctgctgtc	tgctttgggg	aagctcgtac	120
ccggccatta	aaagtggcta	cgaactcttt	cagatcgcca	ccgatgatat	cccctccaaa	180
gtcgtctttg	ccggataccg	ttttctgttt	gccggcgcg	tgctgctgct	ttttgccctg	240
gcccagcgaa	aaccgattgg	caggctcacg	cccacgcagt	ttggccagct	cacgatcctc	300
ggactgaccc	agacctccct	ccagtacacc	ttcttttata	tcggcctggc	ctacacgacc	360
ggggtgaacg	gctccatcat	gaatgccacc	gggaccttct	tcagcgtgct	gctggcgcac	420
tttatctacc	acaacgacaa	actcagctat	aacaaaacgc	tggggtgtgt	tctgggcttt	480
gccggggtga	tgctgggtgaa	cttcacacgc	gggttaagt	agttccagtt	tgtgtggaaa	540
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gcgctgctga	aagtaaaccg	cgtgagtatg	attgcccgtg	tcaactttgt	catacctgta	840
gcagggacgg	tgctctccgc	cattttcctc	ggcgataaca	ttatggacat	taaatacgcg	900
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<210> 257

<211> 287

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (61)

<400> 257

cggaacggct	gcaatggctg	gccgcactgc	tgctggatgc	gctcaaaatc	cagcaggggg	60
ntacgcttct	gactcaccct	gaggtgtggg	cgttggtcac	cacacttgcg	aatcgccctgt	120
cagggcagtc	gctgcacgct	atccttcatg	atatctgcc	gagtcgtgaa	caacttttga	180
cggtaacggg	gggggggtctc	aatcgcgagc	ttttactgac	cgaccagtta	ctgcgtatcg	240
aacactacct	gcaaccgggt	gtcataccgc	cggtttccca	cctctga		287

<210> 258

<211> 873

<212> DNA

<213> Enterobacter cloacae

<400> 258

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tatcaatccc	tgcataaaaa	tgtggacgac	gtgctggcga	aagccgccgc	gcgcgatgtg	180
aaattttgcc	tggccgtggc	gaccacgttg	ccgggttacc	gctccatgcg	tgaactggta	240
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tacgacgttg	aggatttacg	ccgtcttgcc	gcagaagagg	gcgtagtggc	gatgggagcg	360
accgggtctg	actatttata	cacccccgaa	acaaaacctc	gccagcagga	atccttccgc	420
aaccacatcc	gtattggccg	tgagctgaat	aagccgggtta	tcgttcatac	ccgcgatgcg	480
cgcgccgaca	cgctggcgat	cctgcgggaa	gaaaaggtga	cggattgcgg	tggcgtacta	540
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tcattctcgg	ggattgtcac	gttccgcaat	gctgagcaac	tgctgtatgc	ggcgcgctat	660
gttccgctgg	atcgtattct	ggtggaaacc	gattccccgt	acctggcacc	ggtgcctcat	720
cgcggcaaa	agaatcagcc	agcgatgacc	cgggatgtcg	ctgagtatat	ggccgttctg	780
aaagggtgtca	gtattgaaga	gctgggtcgc	gtgacaacgg	aaaacttcgc	cagcctgttc	840

catatcgacc cgcgccgcct gcaatctgtc tga

873

<210> 259

<211> 1467

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(726)

<220>

<221>unsure

<222>(1401)

<400> 259

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ctgggtgtcg	gttctgcaaa	cttcagctgg	ctgccagccg	tagtttccca	cgtgatggcc	180
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aaacgttttg	tgccgatcat	ttctggctctg	gccgcgattt	tcaccggtgt	ggttctgtct	540
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aacagcagca	agctgtggct	gttcccaatc	gtgggtgcag	gctacgcagt	ggtgtactac	1140
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gccgacgttg	cgaaagtaga	ccagccgggt	ctgaaaaaac	tgggcgcagc	gggcgtcggt	1380
gttgcagggt	ctggtgttca	ngcaatcttc	ggtactaaat	ccgataacct	gaaaactgaa	1440
atggatgagt	acatccgcaa	caactaa				1467

<210> 260

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 260

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cttgacccct	tccacccatt	gtccgattca	acgaggaggt	tcatgcagaa	ggagatcctg	180
aacacgatgc	atgaaaaatt	tataactgat	gttgaacttg	gacggggtaa	aaagcttctc	240
tcgcgtcatg	atgccgatgc	tgtttctctc	tattcaggcc	gtgtatggcc	aacacctcag	300
gcagttaagt	acggcctggg	ggatggagat	cttacgtcag	tagagatccg	tacacgtctt	360
tcaaaaatgt	actccactga	cacgttcaaa	aactacaatg	agcctcatcg	taatctccgt	420
tctgcaactc	gcatgctgat	gagcctgtct	tcaaatattg	agagccttac	cggtaggcta	480
acccgcttag	tagaatctgt	taatgccacc	agctaccctt	ctgtgaggtg	a	531

<210> 261

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 261

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attttcgtcg	tgttgctgtg	tctgttggga	tttatgacct	ctgccatagc	ggaacggcgg	120
actgcaaagg	caattgaatc	tgggcttcct	gaagaagctc	aggggctact	tagtgatctc	180
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ggtatatacg	tcatagagca	gaaaaactac	gtaggcaagc	tctacggtac	tctggaggaa	300
agccactggc	ggaaatggac	tcagtcccga	accctcaagt	tgcagaaccc	gtttaagcaa	360
aaccaggggc	acatcagggc	tattcagtcct	gctcttaagg	ctagagaact	ggaatgtatc	420
aatgtcgtca	tcataaacgg	acgttgtaag	tttgatggca	tcaagccgga	atggttatgt	480
atggggatgg	acgattttat	ccataaagtc	aaacaacgac	gagggctacg	gttggttcaca	540
ccggagtctg	ttcagcacat	ctgttcgggtg	ttgaagtcaa	caagggaagtc	gccagggtctc	600
tatacggacc	ttactcatat	tcataacata	acgacaaagt	acaaagcccc	gatgaaattc	660
gagcaacgag	taacatacat	tctgctcaac	tttatccatt	atctgtgggc	aagtctgttc	720
actaagcaga	agccttag					738

<210> 262

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 262

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cagaatacgc	tgaaagttca	tgatttaaat	gaagacgcgg	aatttgatga	gaacggagca	120
gaggcttttg	acgaaaaagc	cttagtagaa	gaggaaccca	gtgataacga	tttggctgaa	180
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ggggaaattg	gttactcccc	actgctaacg	gccgaagaag	aagtctatct	cgcacgtcgt	300
gctttgcgtg	gtgatgttgc	ctcgcgtcgt	cgcatgatcg	aaagtaacct	gcgactggtc	360
gtgaaaattg	cccgcggtta	cggcaatcgt	ggtctggctc	tgctggatct	gattgaagag	420
ggcaacttag	gtctcatccg	cgcagttgag	aagtttgacc	cggaacgcgg	gttccggttc	480
tcaacctacg	gcacctgggtg	gattcgtcag	accatcgaac	gggctattat	gaaccagacc	540
cgtacgattc	gactgccgat	ccacatcgtc	aaagagttga	atgtttatct	gcgtaccgcg	600
cgcgagttgt	cccataaact	ggaccacgag	ccaagtgcgg	aagagatcgc	agagcaactc	660
gacaaaccgg	ttgatgacgt	aagccgtatg	ctgcgtctca	acgagcgcgt	tacctcggtt	720
gacaccccg	tgggtggcga	ctccgaaaaa	gcgctgctgg	acatcctggc	cgatgaaaaa	780
gacaacggcc	cgggaagacac	cacgcaggac	gatgacatga	aacag		825

<210> 263

<211> 1095

<212> DNA

<213> Enterobacter cloacae

<400> 263

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ggaatgttga	tcacccctcc	gcctaaaaatg	ggcacctcaa	cggcgcagca	aacgccgcag	180
atccagccgg	ttcagcgtcc	agttacgcag	cccacgcaga	tacagccagt	ggaacagcct	240
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gcagacggac	gcgttgctta	tgccggtaac	gcactgcgcg	gttacggtaa	tcttattatc	900
atcaaacata	atgatgatta	cctgagtgcc	tacgccata	acgacacaa	gctggtccgg	960
gaacaacaag	aagttaaggc	ggggcaaaaa	atcgctacca	tgggtagcac	cggaaaccagt	1020

tctaçacgct tgcattttga aattcggttac aaggggaaat ccgtaaacc cgtgcaatat 1080
ttaccgcagc gataa 1095

<210> 264

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 264

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catcaagtca	ccagaacaaa	gaaattccaa	agagacccaa	gaatccaaac	atccgcaaga	120
ggtaattatg	gaagagaaac	aacagaagaa	gaaccaccga	aaggcacagc	accagaaaag	180
ccccaaagcag	cgcaacgcag	agagaagagg	aaaacagaaa	aaggccacca	gaacagagga	240
gaaaagctca	tctcagaaca	aaacaggagt	cccaatgaaa	aaagaaatat	cagcgagag	300
aaaaaacgcg	aatccgctca	actggtccta	gatcagaatc	acaccgttgc	agctgtctta	360
caccgacggg	gcaggaagga	aacgcgattc				390

<210> 265

<211> 1815

<212> DNA

<213> Enterobacter cloacae

<400> 265

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agcggtgaca	gcggtgacct	gctggatctc	tgggtgttgg	ttcgtaactg	ccagctgcat	180
gatgcaatgc	gagaggcgaa	agagtttctt	ggcctgaaag	atgacgacca	ccacttcgaa	240
gcgaagaaaa	aactgttctc	tcgtccgacg	aaaaagggcg	ttaaatcggc	cagcaaatgc	300
tatgactacc	ttgcttcacg	tggatttacc	cgtgaaacag	ccgatcgctt	taaggtaaca	360
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aaactgatta	tggctgaagc	tgattgcgaa	ccatgtctgt	ttggctggca	ggctctggat	540
aaaaacaccc	gcctggtagt	tctgtgcgaa	ggtgagattg	attgcatgac	ctttacgcag	600
cttggctatg	atgccctgtc	tgttcccttt	ggcggtagca	aaggggcaaa	acagcagtgg	660
attgaatatg	aataccataa	cctcgatcgc	ttccaggaaa	tttggctgtg	cctggacaac	720
gacaatgtag	gccgtgaagc	tgcaaaaagaa	atcgccagac	gtcttgggga	acatcgttgc	780
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gactccattc	tgggaatacat	ggagcgcgcc	aaattcttcg	atcccgatga	gctttgctca	900
gcaggggact	tgcttcaggga	aactatcgag	gcattcgaac	atcgggatac	cggtctggtt	960
acaagcccat	gggcttcgct	gaacaacaac	tttaagtcc	gtgccggtga	actgaccctc	1020
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<210> 266

<211> 1029

<212> DNA

<213> Enterobacter cloacae

<400> 266

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gcacgcctcg	ctgactactc	gaatgatgat	ggtgtctgct	atccgagtgt	tgaaactatt	180
tgccgccagc	tggggctcgg	ggaaaagtag	gtcaggaccg	ccattgcaga	actggagtct	240
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cgcccatga						1029

<210> 267

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 267

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acggtcgcga	aacagacctt	tgccctgcc	gctcgcccg	atctgagcgg	tggtatgggg	180
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gatacgctgc	aaagtgaaga	cgcgacaggc	gccccggtga	aaagcagtgg	tttctttggc	300
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cccgtcgttg	ctgcacccgc	tgcacaacct	gccccggtga	ccgcgccctg	ctgctacgca	420
gactgcggcg	cctgcgacgg	cgagcggcag	ctacgtgggt	caggttggcg	ctgtcagcga	480
tcggacccgt	gcagagcaat	atcagcagcg	tttaagcaaa	cagtttggcg	tgccaggccg	540
cgttga						546

<210> 268

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 268

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gcgaaacctg	agctggttga	tcagggtggt	gaagtgttac	agcgccatgc	gccggggcgc	180
tactctccat	cagtcaaacc	gagcagcaaa	ggtaattacc	actcggctct	aatcaccatc	240
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<210> 269

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 269

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cagtttggcg	tgccaggccg	cgttgagcaa	aacggtgcgg	tatggcgat	ccagatgggt	180
ccgtttgccca	gtaaatcgca	ggcagcatcc	ctgcaacagc	gtttgcagag	cgaggcgcag	240
ctccagtcgt	ttatcgctgt	tgcaaaaata				270

<210> 270
 <211> 1305
 <212> DNA
 <213> Enterobacter cloacae

<400> 270
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 gtgcagcgca tggcgctgac cacggccctt tgcgctgctg cgttctccgc agctcacgcg 180
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 ggcaaatcca aagaaaccga cctggtgact atcggtaacg atgcgtgggc aaccggcaac 420
 cccgtgttca aaggttcatc gctgatgttc ctgaaacctg gcatgcaggt tccggtctct 480
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<210> 271
 <211> 687
 <212> DNA
 <213> Enterobacter cloacae

<400> 271
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 tttaccgata tgcgcgatga caccacccct gatgaaatct ggctggttga acacatgccg 180
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 gtgatccaga gcgatcgcg tggacaggta acctaccagc gcccgggcca gcaggtaatg 300
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 gaacagaccg tgggtgaacac gctcgtgag tacggtatcg acgctcatcc tcgcgccgat 420
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 atcaacccat gcgggtatgc gggatggaa atgacgcaaa tgcgccagtg ggctcgctacc 600
 gccacgcctg agaatatccg ccccgctgtt ctgaagaagt ttttagcgtg gcttaacaat 660
 cctgaccacg aatatattgc tgcttaa 687

<210> 272
 <211> 1161
 <212> DNA
 <213> Enterobacter cloacae

<400> 272
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 ctgccgcgg agatcgaaac gcgttctact aatggagctg taatctcccc cggtttcatc 180
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<210> 273

<211> 804

<212> DNA

<213> Enterobacter cloacae

<400> 273

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caggtgccta	aatacgcgct	gaccgtgggc	gtgggcacgc	tgctggatgc	cgaagaagtg	600
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<210> 274

<211> 1197

<212> DNA

<213> Enterobacter cloacae

<400> 274

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cagatagccg	aacaaagcca	gcttgctccc	gccagcgtga	caaaaattac	acgtcagctt	180
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ggctgcatca	ataccagcgc	gctgaaggca	tttcgccaga	atttgccggg	ggtgcgatct	1140
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<210> 275
 <211> 345
 <212> DNA
 <213> Enterobacter cloacae

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 aagtctcgtc tacagtgcga tgatgatgaa gggattatga ttgacgggtg tatagcgcgt 180
 ttacgcaaat ttaagtcgga tgaatatgaa ctgttaatcg ctcatTTTTgt tattggatc 240
 tctctgagaa caattgcaaa gaaaaagaaa tgctcggatg gtactgtaag aaaagatctg 300
 caaaccgcac tcgggttcgt agaggggggtg atgtcaatgc tataa 345

<210> 276
 <211> 636
 <212> DNA
 <213> Enterobacter cloacae

<400> 276
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 gccttcagga aaactaccga aaaatggggg ggtctttcca acatggctaa aggttaccca 120
 ttgttaatca atgggttgcc aatccaatcg agtgaaatac tgtatcaagc atgccgggtac 180
 ccagactacc cggagatcca aaaagccatc attactcaag gcaaccctta cgaagctaag 240
 cagaccgcca gatcgtttga agcgaagacc cgttcaggct gggaaaagaa tcgggttttcg 300
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 gcgagtaaaq actccgaagg gaacttttat ggcatagaac tggttaggccg tatccttatg 480
 gatgtgagag acgttgccag aaagagggga ccgacagggt ttgctagcat accgccgctc 540
 cccttgagaa agttttcttct gctcggggat cacattcgcg acgtcacttt cactccacca 600
 ccagtggaca ctgggcatag cttatcgctt ttttaa 636

<210> 277
 <211> 651
 <212> DNA
 <213> Enterobacter cloacae

<400> 277
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 aatgatgggtc agcagggtgag ccacacgcgg tcgatgcatt gctatgggtg tgtgaaaaaa 120
 tgcctgtttg gtgacgctga agcgtgcgct cgtaaaacct gcacaggact tgaatgctat 180
 atttggcctg ataacaattc ttaccttgta gaaggtatcc ggcactattt tgaatgtgtg 240
 agcgacaaat atattttctca gccagtcgtg attattgatt ttagccataa aaatatcaca 300
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 gacaaaaaga tgacggcgat tgcccattac tggttctata acgatacggt agagaccacc 420
 atcagctcta ttatctttta tgatgattcc gctgaggagg ttgccacgaa actgaagaaa 480
 acgttccttg caaaaacgat caaaccatcc gggagtaggc caaaactgag ccagaatgaa 540
 ttcagcctgt tttcgttctt gttcaatgga tggacaccta aaaaaatcgc gtatcagaac 600
 ggtactagcg tcaaaaacac ctatgccatg aaaaatcttc accacgagta g 651

<210> 278
 <211> 2436
 <212> DNA
 <213> Enterobacter cloacae

<400> 278
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 aatatctggg ttcttgttcc cctggccatc attttactgc cgtttaacct gacgccgatg 180
 cgtaagtcga tgatctctgt gccggtgttc aggggattcc gtaaagtgat gccgccgatg 240
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<210> 279

<211> 789

<212> DNA

<213> Enterobacter cloacae

<400> 279

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aataaataa						789

<210> 280

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 280

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cttatg	cggaagcac	gctgctttca	gatatggagc	ctattgaagg	cgtcattaac	120
gctattc	cgggcagtg	acgtgccgag	cgaataagcc	agacgttatt	aataccggaa	180
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agtaata	cgatcagcgc	acagaaaaac	agtgcaatgc	gtcgcttata	acttcgcagt	360
aatgcc	tgtacgcgtg	gataagcagt	acccagggaa	tgcgagaact	cagtttaattg	420
tcggctt	gagagtttga	ggaatggaaa	agaccactgc	aacaagacat	atcgccgtca	480
tcgaaag	ctcaatga					498

<210> 281

<211> 1149

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (980)

<400> 281

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gtgccaa	ttttcaatat	caatgagccg	gtgattttcg	taacgcccga	ttgtgatgaa	1080
cccgggtgtt	tttattcctt	tccatgctgg	cgccgatggt	taatcccgtg	ctggcatggc	1140
cagcgatga						1149

<210> 282

<211> 213

<212> DNA

<213> Enterobacter cloacae

<400> 282

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ccgttcttca	aggtgtacga	gaaacagttg	cttcagcagg	aagcggaaga	agcacagcgt	180
aatggagaag	aggaaaatca	gcaggtcgtc	tag			213

<210> 283

<211> 690

<212> DNA

<213> Enterobacter cloacae

<400> 283

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tattcactgt	ctgatgagcg	tgaggagcgg	agaaactgtc	ttgcctgttt	acgggatctc	240
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ctggtcagcc	atctttcgcc	ttctcgcttg	catggaatca	tcagtaaata	ggttccgcta	360
aagcagctaa	tggagggcct	gaagacatta	ctcagcgaaa	cgcatacagg	gaacgacaac	420
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ctgcgttata	tgtcatcggt	tttttcgatc	cctgaaattg	cagcacagct	tgaacgcaat	540
attaaaacta	tccgggcgca	taagtttaac	gccatggtaa	agctgggcgt	caattctgac	600
gtgggattac	tggatgcggc	ggatatcctg	gcgcatactc	ctgccgggga	agttcgtcgt	660
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<210> 284

<211> 801

<212> DNA

<213> Enterobacter cloacae

<400> 284

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ccactctccg	ccggggaaaac	gacgcttgcg	gatgccattc	gggaaaaaat	tgccgtaacg	120
cgcgcccatc	tgtctgattt	catcaaactg	gatgaagcac	cgcgcgatca	tgcgctgacg	180
ctgactgagt	ggcaacgtcc	tgccgagctg	cggtcgctgc	tggcaacctt	ttccgaccat	240
atttatcgta	accaacctac	cctgacgcgg	gaaaataaac	cgtctgttatc	cctctgggca	300
cagtgggtata	tcgggctgat	ggtgccgcct	gtcatgctag	ccctgctgac	ccaggaaacg	360
atgctcgatc	tctcgctcga	acatttccat	gttgaatttc	atgaaaccgg	gcgcgctgcc	420
tgtttctgga	ttgatgtaca	tgaagatccg	agcgcgagac	acctgtcagc	gcaggcgctg	480
atggaacggc	tgattacaag	agcgtctggt	ccggtcattg	atgcgctgga	agcgacggga	540
gagattaacg	gcaaactgat	ctggagtaat	accgggtatc	ttatccactg	gtattttaacg	600
gaaatgaagc	cgtctgctcg	cgacgagaaa	gtggatgcac	tgcgtcagag	ctgtttcttt	660
gccagacagc	tgtcggatgg	acgggataac	cctctttacc	gcaccgtggt	tccgcgtgag	720
ggacttctgg	tacgtcgtac	ctgctgtcag	cgctaccgtc	tgcgggacgt	ccagcagtg	780
ggcgattgca	cgcttaagta	g				801

<210> 285

<211> 492

<212> DNA

<213> Enterobacter cloacae

<400> 285

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tttgccgaac	acgctccgga	tatagagatc	attgagctta	accaaagcac	agcgactgtt	120
gcccttgctg	ctgccgcgca	caacgttgaa	cccggccaaa	ttgccaaaac	gctgtcacta	180
aaaattaaaa	atgacgtgat	tctggtgggt	gcaaaaggcg	atgcgcgtct	ggataacaaa	240
aagcttaaa	agacattcgg	cgcaaaagcc	cgcatactca	gcagcgatga	ggtagtcacc	300
ctgacaggtc	atcctgtttg	cggcgtctgc	cctttcggac	tggaaaaccc	gctttctgtt	360
tactgtgaca	tcacattaaa	acaatacgcg	gaagtgttac	ccgcagcggg	cgccatccac	420
agtgcggtgc	gtatatcgcc	cgacagaatg	gcggaactga	ccgcagcaaa	atgggtagat	480
gtgtgcattt	ga					492

<210> 286

<211> 1005

<212> DNA

<213> Enterobacter cloacae

<400> 286

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tgctcaatta	cagctaacta	tctgaaaaaa	ttcatcatgt	cgagaatact	cgctgcgata	120
acattattgt	taagcgtcat	tttaactata	ctggttacta	tcgcctgttc	tgtgccaatc	180
atcgttgccg	gaataattaa	gctcctgttg	cctgtccctc	cggtatggcg	cgcggtgtct	240
gctttttgta	attttatgat	gtactgctgg	tgtgaaggcc	tggcgatcct	gctgcatctg	300

aacccctggc	tgaagtggga	cgttcaggg	ctggagaagc	tgaacaaaa	gaactggtat	360
ctgctgatct	gcaatcacca	cagctgggcc	gacattgttg	tattgtgcgt	actgtttcgc	420
aaacacattc	cgatgaataa	atactttctg	aaacagcagc	tggcctgggt	gcctttcatt	480
ggtctggcct	gctgggcgct	ggatatgccg	tttatgaaac	gctattcacg	cagctatttg	540
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tttcgcgcgc	atcccaccac	cattgttaac	ttcgtcgaag	gatcgcgctt	taccgaagag	660
aagcgccaac	aaactcgctc	tccttatcag	aacctgttgc	cgccaaaggc	tgcgggcac	720
gcaatggcgc	tcaacgtgct	gggggagcag	ttcgataaat	tgttgaacgt	aacgctctgc	780
tatccgga	acgacaggac	gccattctac	gacttgctca	gcggcaggct	gacgcgtatc	840
gttgtccgcg	ttgatctgg	gcccgtcaat	actgaactgc	acggggatta	cgtcaacgat	900
aaaaacttca	aacgtcgttt	ccagcttttg	cttaatacac	tctggaaaga	gaaagacgag	960
cagatagcga	agattaaatc	ttcatacaaa	aacgccggtc	agtga		1005

<210> 287

<211> 555

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (408)

<400> 287

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atgggtggaa	aggataagg	acttcagctc	ctgaacaaca	caccattatg	gcagcatggt	180
gctgatacgc	ttgcagatca	ggtgtcatcg	atggcgatca	gcgctaaccg	acatgttgat	240
atctatcagc	gcagcgggta	tcgggtttat	caggataacc	tggcgggacta	ccccgggtccg	300
ctggcgggaa	tgcttttctgt	tatgcagcag	tcgtacggag	agtggtttct	cttttgtcca	360
tgtgatacgc	ccttcacccc	gtcctgtctg	gttgaacgtc	tggtgcancg	gcgcgggtggt	420
gctcccgtcg	tctgggtaca	cgacggtgaa	cgcgaaacatc	caacgatcgc	attgattaat	480
cgctcggtta	tatccgcgct	gggagtatta	ctggccgcag	gagatcgacg	cgttcttggt	540
tttatgcccc	cattc					555

<210> 288

<211> 300

<212> DNA

<213> Enterobacter cloacae

<400> 288

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gaactttctc	agccggcctg	gcaaaaagag	ccagagctga	atctgatgca	atttttacag	120
aaactggcga	aagagtcagg	ttttgatggt	gaactggcgg	acctttctga	cgacatcctg	180
atctaccacc	tgaaaatgcg	tgactcggct	aaagatgctg	ttattccggg	cattcagaaa	240
gattatgaag	aggattttta	aaccgcatta	ctgcgcgccc	gaggcgtaat	taaagagtaa	300

<210> 289

<211> 1002

<212> DNA

<213> Enterobacter cloacae

<400> 289

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agctatgaaa	accgtgtcta	ccaatttcag	gacgaagagc	gccagcgctt	tgctgtaaa	180
ttttaccgtc	cacagcgctg	gtccgcagaa	caaattcagg	aagaacatca	gtttgcccac	240
gatctactgg	atgacgatgt	tcccgttgcg	gcaccgatta	aattcaataa	ccaaacgctg	300
ctgacccatc	agggttttta	ctacgcggta	tttccgagcc	tgggcggaag	acagtttgag	360
gcagataata	tcgatcagat	ggaatggggt	gcccgcctatc	tggggcgcat	tcatcagacg	420
ggacgtaaaa	aaccgtttgt	tgcccgtccg	acgattgggtg	ttaaggaata	tcttattgag	480
ccgcgacagg	tattcgaaac	atcggcgctg	atcccgaatg	cactaaagga	taatttcctc	540

acggcgaccg	ataagcttat	tgatgctgta	aaagccagct	ggcggggatga	tattactact	600
ctgcgcctgc	acggtgactg	ccacgccggg	aatattctct	ggcgcgatgg	tccgctattt	660
gtcgatcttg	atgacgcacg	tatgggaccc	gcggtgcagg	atctgtggat	gctactcaac	720
ggtgataaag	ccgagcagcg	catgcagctt	gagaccataa	ttgaagctta	tgaagaattt	780
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tattatctcg	cgtggttaat	caggcggttg	gaagaccggg	cttttccccg	aaatttcccc	900
tggcttacgg	gggaggatta	ctggcgcaac	cagatatcca	catttaccga	gcaggttaag	960
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<210> 290

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 290

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attctggctt	ttagcgcaac	tgctgcgcag	tttaccgacg	gcaagcagta	cattacgctg	120
gacaagcctg	ttgctggcga	gcctcagggtg	ctggagttct	tctccttcta	ctgcccgcac	180
tgctacgagt	ttgagcaggt	acttcatggt	tctgacaacg	tgaagaaaaa	gctgccggaa	240
ggcaccaaaa	tgacgaaata	ccacgttgag	ttccttggcc	cactgggcaa	agatctgact	300
caggcatggg	cggtcgcgat	tgcgctgggt	gtggaagata	agatcaccgc	gcctatgttt	360
gaagctgtac	agaaaaccca	gaccgtacaa	actacggcag	atatccgtaa	agtgttcgta	420
gatgccgggtg	tgaaggtga	agactacgac	gctgcctgga	acagttttgt	ggtgaaatct	480
ctcgtggcac	agcaggaaaa	agctgccgct	gacttccagt	tgacgggcgt	gccggcgatg	540
tatgttaacg	gcaaatacca	ggtcaatatg	cgtggtatgg	acacgaccag	catggatatc	600
ttcgtacaac	agtacgctga	taccgtgaaa	tacctggttg	agaaaaagta	a	651

<210> 291

<211> 264

<212> DNA

<213> Enterobacter cloacae

<400> 291

gatgctcagc	ctgcaaacct	acttcaccgc	gggcgtaaaa	gaagtgcgtg	gaccatccct	60
gagggtgcga	ctgcgcctca	ggcggccgat	aaaatccaca	ccgatttcgt	gaaaggcttt	120
attcgtacac	agactatcgt	gtttgaagac	tttatcacct	acaagggaga	gcaaggcgcg	180
aaagaaacag	gcaagatgcg	tgcggaaggc	aaagattaca	tcattaaaga	tggcgatgtg	240
atgaacttct	tgtttaacct	ttga				264

<210> 292

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 292

tgccagcgaa	tgacgttcag	ctgcgtcaga	cggttggtgcg	tgaccttctc	agcagagtct	60
tcaagcggta	aaggttctgt	agaggtagcg	gtttacgccg	cggttgaatc	cgatatcgct	120
gaaatcatcg	acggcgacca	taaagagttc	atggccgagc	gggggctgaa	ccgcgtgatc	180
cgcgcgggct	atgagctgct	cagcctgcaa	acctacttca	ccgcgggcgt	gaaagaagtg	240
aacgcgtga						249

<210> 293

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 293

cgccagcgaa	tgccgttcag	ctgcgtcagg	cggttggtgcg	tgactttctc	agcagactct	60
tcaagcgata	aaggttctgt	agtggtagcg	ttttggaacg	cggttgaatc	cgatatcgct	120
gaaatgaacg	acgccgatcg	tgaagatttc	atggccgagc	aggttctgaa	ccgcgtgatc	180
cgcgcggggc	atgagatgct	cagcctgcaa	acctacttca	ccgcgggcgt	aaaagaagtg	240

cgtggaccat ccctgagggt gcgactgcgc ctcaggcggc cgataaaatc cacaccgatt 300
tcgtga 306

<210> 294

<211> 1332

<212> DNA

<213> Enterobacter cloacae

<400> 294

gtttgcaggc	tgagcatctc	atggcccgcg	cggatcacgc	ggttcagacc	ctgctcggcc	60
atgaaatctt	cacgatcggc	gtcgttcatt	tcagcgatat	cggattcaac	cgcgttccaa	120
aacgctacca	ctacagaacc	tttatcgctt	gaagagtctg	ctgagaaagt	cacgcacaac	180
cgcctgacgc	agctgaacgg	cattcgtctg	cgctatgaca	tccacggccg	caccgttgag	240
aaggataacg	gccagaccgg	ctggcactac	cgctacgacg	gtgagcaccg	cctgacggag	300
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ccgctcgggc	gacgcatcag	caaaacgcgc	cgccagatgc	tgggcggcca	gccaaaccgg	420
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gatgtgccac	tgacctacgt	ctacagcgat	caggacagct	acgaccgcgt	ggcgcgtatc	540
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aaaacaaaac	ctgattttcta	tgttgggtcca	aatggcccta	gttcgactat	gccttctaca	960
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gatacattac	aactgtataa	aaatggagtg	cctcaggtgc	aagtacctct	tgcaaatggg	1200
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gcattacagt	tgctaccaat	cgaacgtaat	taccctgtta	tttttgaacg	tgttactata	1320
attccggagt	aa					1332

<210> 295

<211> 804

<212> DNA

<213> Enterobacter cloacae

<400> 295

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gtgaaaatat	attataaagg	aagtgttgat	tttattgcag	gtgaaggagc	tattctcaat	120
gagttcatag	gagaagtagc	cacgcgacaa	ataaatatta	tagatggaaa	ttattatgct	180
tcttcctctt	tgctagataa	aaaagaaaaa	gttggcttcc	tgctgtatga	tggtaaagaa	240
agcgacctga	acttaagtga	cgcgaagaa	atttcaaagt	aggaatttga	agttttctgg	300
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agttgcttca	aagaaaaata	cttcccagaa	ttaggggtgg	ttgattttgt	tatggttgat	540
gctcaggaga	agatatattat	tgcgaatatg	tatgcgcagg	atggtataaa	gaaaaatatc	600
aacgacaaaa	aacaatacgt	atgttatgac	tctctgaaag	tttgtcttga	aaaattatct	660
gactttgctt	tagttaatcg	cctttctata	caaatgccaa	ggataggagc	tggcctcggg	720
ggtggtgatt	ggaatgttat	agagtcctta	atactaaaaa	atatttgcta	taaaatgatt	780
gattgcaatg	taataacttt	ataa				804

<210> 296

<211> 204

<212> DNA

<213> Enterobacter cloacae

<400> 296

tctttcaagg	agcaaagaat	gctgattctg	actcgtcgag	ttggtgagac	cctcatgatt	60
------------	------------	------------	------------	------------	------------	----

ggggatgagg	tcaccgtgac	agtttttaggg	gtaaagggta	accaggtacg	tattggtggt	120
aacgctccta	aagaagtatc	tgtccaccgt	gaagagatct	accagcgat	ccaggctgaa	180
aatcccagc	agtccagtta	ctga				204

<210> 297
 <211> 267
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (48)

<220>
 <221> unsure
 <222> (119)

<400> 297						
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accccgcccc	ttgcggtacg	tgccaccgag	atttttctac	gatcatggcg	accacattnt	120
ggggcgcccc	tcccgggaag	cgcggaagaa	gatggcgatc	gctatattga	gatctggaac	180
attgtcttca	tgcagttcaa	ccgtcaggcg	gacggcacca	tggagccgtt	gccccaaaacc	240
gtccgtagat	accggtatgg	gccttga				267

<210> 298
 <211> 2121
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (70)

<400> 298						
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agatctggaa	cattgtcttc	atgcagttca	accgtcaggc	ggacggcacc	atggagccgt	180
tgcccaaaac	cgctccgtaga	taccggtatg	ggccttgagc	gtatcgcggc	cgttctgcaa	240
cacgttaact	ccaactatga	gattgacctg	ttcagcaccc	tgatcaaagc	cgttgctgag	300
gtaacgggcg	caaccgatct	gagcaacaaa	tcactgcgcg	ttatcgcgaga	ccatattcgt	360
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cagagcgcacc	agctacacga	gatcgcgag	ctgctgaaag	gcgatagcca	gaacctgggc	1680
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gaactgattg	gcatggtcgc	ccagcagggt	ggtggcaaa	gtggcggtcg	tccggacatg	2040
gcgcaagccg	gtggtacgga	tgcggcgga	cttcccgcg	cattagccag	cgttgaaagc	2100
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<210> 299

<211> 897

<212> DNA

<213> Enterobacter cloacae

<400> 299

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tactggcaca	accgcatgga	cggtgaatgg	ttgtacaaga	cgcggaaga	catcaaaaaa	180
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gttctgcagg	aagacctgcg	cggtgtgcca	gcgactgtgc	attaccggat	taataccgag	300
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ccaaccagac	ggcggaacc	ccgccaaaca	gatggcgga	acgcaccaa	caagatggtg	420
gaaaccccgc	caacaagaag	ggtggaaccc	acccaacaag	ttggttggtg	tcccgccaac	480
tttcctacag	gagattacac	agagattaca	caggagagta	cgcaggagat	cactcaaaag	540
gccggtgaga	aaaattctgt	ggataacttt	tcggagatct	accccgaggc	ggaaatcttc	600
gatgctgaga	aaaaaacgtg	gggcaccgcc	gaggatctgg	aatttgcgca	gtgggttttt	660
gcccgcacat	tcgagctaca	cgaaaaagcc	gccgagtacg	acggtatgct	atcgcggcc	720
aaggaacctg	actggaccgg	ctgggcccgc	gaagttcgac	agctgcggga	ggggcaacct	780
tgtgatcacc	aggcagatgc	gaaacctggt	cgagcgtatt	cagcgcgacc	cgtgggtggt	840
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<210> 300

<211> 657

<212> DNA

<213> Enterobacter cloacae

<400> 300

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gcgcgtcttg	atatcgaacc	agtggtagcc	ctgaacatgc	tgcgcgagca	gaaagagcag	120
gggttgtgtg	attatgcaga	cgcggtctgg	ttcctcggtg	ccgcggcaaa	gcaaaagcca	180
aagcgtatcc	gacccaaaca	ggaatcggag	ctggttggtc	ggatccttgc	cgtgatgcag	240
gggcaggggt	ctataagcgc	ggagaaaatc	gcaaaactgc	tcggtaaaac	ctcccggtct	300
ctaaatgcct	cgctgggtgc	cttgggcaag	gaagggcgag	tggtacgcca	tgtggatggg	360
aaaaacatta	cctggagctt	gaaaaacgac	gatgcgcgag	caccggcaac	cgcagccccg	420
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gaagaaatcc	cggcattcac	agcgcgaccg	aatgacctgg	caatcccatc	gtcccgtttc	540
atctcaagtg	aaattcgccg	cacaaaagcg	aagctggcca	gcctgcaaaa	actgcagtgc	600
gccgcgcgcc	agctgcgcgc	ccataaacat	ctgctggtgg	ggctggacaa	tgaatga	657

<210> 301

<211> 417

<212> DNA

<213> Enterobacter cloacae

<400> 301

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gggcagggcg	atgccgcgga	ggcgatcacc	gcagaataca	ccgcggggg	cggcgccgag	120
ctgccgctgg	tggctggcaa	cacctggaac	aaccagcaga	acatcttcca	ccgctggctg	180
gatggcagca	cgccgcagcg	ccgcgcaaaa	atccgcgagc	tgctgcctgc	cattctggcc	240
gtcctgccgc	ggtccatccg	ccaccgcctg	agcatctacg	acacgatcga	gcgccgcgcg	300

ctgctggctg	cccaggacgc	gctgggcgcg	gctattgatg	cccatgatga	cgcggtggaa	360
gcgctatttc	agaaaagtc	gcagcacgcc	gctgctgatt	caccgaagtt	tcactaa	417

<210> 302

<211> 378

<212> DNA

<213> Enterobacter cloacae

<400> 302

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gatgaagttt	ttaagcttgc	cgattcatgc	ggtgtcgata	tttgcgatcg	ttgcgcgagc	120
aggggtggtc	atagctataa	cgagtggcac	ggcggtttca	gctacgcacc	tgtaaagcag	180
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tttcgttgca	agcactgcgg	gaccagtga	gcattaacca	tcgatcacat	ccaaccggtt	300
tcaaaaggtg	gcagcaacca	agatgaaaac	ttgcagacct	tgtgtgcctc	atgcaatagc	360
aggaaggggg	ttaagtga					378

<210> 303

<211> 615

<212> DNA

<213> Enterobacter cloacae

<400> 303

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ggaattttctg	cttgccctggc	atacattctc	cctattatta	atgaaaaaat	cacttatctt	120
cagtcgaggc	caatatcaag	aacagcaatc	ttattatcta	taagagccaa	aaaagcatta	180
gttgccggata	tcagcctaga	aaaatatcga	gctaagcgtg	atgtaactta	cgagcggcac	240
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agagttggcg	aatgaatgc	tgcatgtgct	gaattaaacc	aaaaaaatga	tgaaattaac	360
gcattactgc	aagactccaa	cattagaaat	aaaaaactct	ctgatgaaat	agaacgccat	420
aaaatagcag	aaacaagatt	ttttggagag	attgaagatt	taaataaaga	acttgatcga	480
ttatatctct	tactaaaaat	ggagcccact	cgaggtgttg	gcttaggcac	aagaaagatc	540
accactataa	atggtgaaga	aaattcagat	acggatgaca	cccaatatcg	cccaggttcc	600
aatgaagata	aatag					615

<210> 304

<211> 726

<212> DNA

<213> Enterobacter cloacae

<400> 304

gtagcaaaaca	tgcagacccc	gcacattctt	atcgttgaag	acgagttggt	aacacgcaac	60
acgttaaaga	gcattttcga	agcagaaggc	tacgatgtct	ttgaagcgac	cgatggcgca	120
gagatgcatc	agatcctttc	tgaaaatgat	atcaacctgg	tgattatgga	tatcaacctg	180
ccggggcaaaa	acgggcttct	tctggcgcg	gaactgcgtg	aacaggcgaa	cgtcgcggtg	240
atgttcctga	caggccgtga	caacgaggtt	gataaaattc	ttgggtctgga	aatcggcgcg	300
gatgactaca	tcaccaagcc	gttcaaccct	cgcgagttaa	ccattcgtgc	acgcaacctg	360
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aaattcaacg	gctgggaact	tgatatcaac	agccgttcgc	tgattagccc	gaacgggtgag	480
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aagattcagt	ctcgtgcaga	actgctgaag	aaaatgaccg	gtcgtgagtt	gaagccacac	600
gatcgtaccg	ttgacgtaac	catccgtcgt	attcgtaaac	atttcgaatc	tacgcctgat	660
acgccggaaa	tcatcgccac	gatccatggt	gaaggctatc	gtttctgcgg	tgacctccag	720
gagtaa						726

<210> 305

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 305

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cgtgccatga	agactatggg	ttttaccgat	ttgcgtattg	tggacagcac	ggcgcatctg	120
gagcctgctg	cgcgctgggt	ggcgacggt	tcgggtgata	ttctcgataa	tataaccact	180
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aaaagccagt	ggctggagaa	agccgcgctg	gtgtttgggc	gagaagattc	cgggctgact	360
aacgaagagc	tggcgctggc	tgacgtgctg	acgggcgcgc	cgatggtggc	ggattaccgc	420
tcactcaatc	tggggcaggc	ggtgatggtc	tattgctatc	aattagcatc	cttaatacaa	480
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gcagataagc	ttcttgcgca	gttgggcgtc	gctgacgac	aaaaaatggg	ggactggtta	600
cagcagcgcc	tggggcgctc	tgaacagcgt	gacacggtaa	tgttgcaccg	attgcttcac	660
gatattgaaa	aaaaattagc	ggagtaa				687

<210> 306

<211> 480

<212> DNA

<213> Enterobacter cloacae

<400> 306

ggtaacaata	tgaaatacaa	ggttttagtc	tttgcagcac	tggcactgat	ggcagggcgc	60
gtggcgcagg	cggagcaaat	tggctccgtg	gataccgtgt	ttaaaatggt	tgggccggac	120
cacaaaattg	tgggtggaggc	gtttgacgat	ccggacgtta	aaaacgtcac	ctgctatgtc	180
agccggggcaa	agaccggcgg	gattaaagc	ggcctggggc	tggctgaaga	cacgtctgac	240
gcggccatct	cctgccagca	ggttggaccg	gtggaattga	gtgacaaaat	taaaaacggc	300
aaagcgcagg	gcgacgttgt	attccagaaa	cggacctcgc	tgggtgttcaa	aaagctacag	360
gtggtccgtt	tttatgatgc	gaagcgtaac	accctggctt	atctggccta	ctcggacaaa	420
gtcgtggaag	gctcaccgaa	aaacgcgatt	agcgcggtgc	cgattatgcc	gtggcatitga	480

<210> 307

<211> 864

<212> DNA

<213> Enterobacter cloacae

<400> 307

aagaagtgtt	tgtcggcctt	gcgccagata	ttggaaaaga	gcacgaggct	gattatgtcc	60
gggtcttccc	aagatgactt	caccggcgcg	gatatgttcc	gccggttacg	tgacatcata	120
aagcgcgggtg	tcgtcaaaaga	agtacagatg	cagccccgcg	gcgtccgggt	gactttcggc	180
ggagagcatc	agtcgggctg	gctgcaatgg	tttacccttg	caacatcaga	acgcgtcgac	240
tggagcgcgc	cgaaagtggg	tgaccgcgga	cccccaatt	ccacagcggc	agaacgggcg	300
ctggaagccg	ttctgtcaca	cgtcggcgac	cttcctggcg	atatccggat	catcaaaaac	360
cccgatattat	gccccgtcga	tttgctcccc	tggcttgcac	gggagtatgc	agtcacatac	420
tggaactcgg	gctggagcga	gcagcaaaaa	cggcaggtca	tcaaagcggc	agcgtggcaa	480
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gcagaggatg	aggggggagt	aaaagtaaac	ggctccctgt	ttatttcggg	tgtaccgaca	840
gctcatatca	cagtggaaat	atag				864

<210> 308

<211> 840

<212> DNA

<213> Enterobacter cloacae

<400> 308

ggggggagta	aaagtaaaccg	gctccctgtt	tatttcgggt	gtaccgacag	ctcatatcac	60
agtggaaata	tagaaatggt	acaaaagaga	acagcgctta	aaagcgccac	atctactcca	120
gacgataaga	tatacgcaat	cctgactgac	cggggcgcg	agctggaagc	cgcagcgctc	180
gctaccggcg	tgccggttaa	attaacaaag	tttgttattg	gggacgcgaa	cgggcaggaa	240
gaagtcacac	ctgaccgggc	cagaactgcc	cttatccatg	aggtttatcg	cggtgatatac	300

aacggtgctg	aaagcaaggg	caaccaggta	acgtttactc	tcgatgtccc	cccgagacg	360
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gcacgttctc	ctgatatttt	aaaacccacg	gaaagtaacg	gggcagtaat	ttcaataacg	480
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tatttaaccc	cggatgctgc	tgatgcccg	tatttaaaag	ttaatgcgaa	tctaaaagaa	600
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gatatagcgt	acagagataa	agaaaatata	ttcactaaaa	agaatacgtt	tggtgaaata	720
ctatatgtca	ataaatcaat	agttttatcg	ggagattggg	ccgtatcatg	gtcactagct	780
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<210> 309

<211> 357

<212> DNA

<213> Enterobacter cloacae

<400> 309

cggtgtcgag	ccgcgttact	acaggcgatt	ctggatggcg	tggcgcagca	tggcccttac	60
tttgtgattg	cgccaggcct	ggcgatgccg	catggccgcc	cggaagaggg	cgtcaagaaa	120
accggcttcg	cgctggtgac	gctgaaaacc	ccgctggtgt	tcaaccacga	agataacgac	180
ccggtcgaca	tccttatcac	tatggcggct	gtcgatgcca	ataccaccca	ggagggtggc	240
atcatgcaga	tcgtcaatct	gtttgatgat	gaagctaatt	ttgaccgttt	acgcgcctgc	300
cgtaccgcgc	aggacgtgct	ggattttaatt	gataacgcc	ctgcggcggc	cgtttaa	357

<210> 310

<211> 663

<212> DNA

<213> Enterobacter cloacae

<400> 310

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cacgcttacg	aaaccaccog	tctgattgcg	gaagaagtgg	acatcatcga	agtcggcacc	120
attctgtgcg	tgggcgaagg	cgttcgtgcg	gttcgtgacc	tgaaggcgct	ctatccgcat	180
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tttgaagcca	acgccgactg	ggtcaccgtg	atctgctgtg	cggatatcaa	cactgcgaaa	300
ggcgcgctgg	acgtggcgaa	ggagtccaat	ggcgacgtgc	agattgaact	gaccgggttc	360
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aaacgtctgg	ccgatatggg	cttcaaagtg	accgtaaccg	gtggcctggc	gctggaagat	540
ctgccgctgt	tcaaggggat	tccaattcac	gtctttattg	ccggtcgtag	cattcgcgat	600
gcggaatctc	cgggtggaagc	tgcgcgtcag	tttaaacgct	caatcgctca	gctttgggg	660
taa						663

<210> 311

<211> 870

<212> DNA

<213> Enterobacter cloacae

<400> 311

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ggggagtgc	ggctggagcg	gttacagctg	gcgaagcagc	tgggtttcga	ttttgtcgaa	120
atgtcgctgg	atgagacgga	cgagcgtctt	gctcgccctg	actggagccg	cgaccagcgt	180
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ggcgtgttta	aaaacgtacc	gttcggcacc	gggggtgggtg	atttcgaacg	gtgcttccag	720
acgctcaaac	agacaggtta	ttgcgggcct	tacctgattg	agatgtggag	cgaaaccgcg	780

gacgatccgg cggcagaagt ggcgaaagcc cgggactggg tgtgcgagcg catggcgcg 840
gcaggactga tggaggcgga acatgcttaa 870

<210> 312
<211> 654
<212> DNA
<213> Enterobacter cloacae

<400> 312
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ttcgtcgccg aactgtcgga agcgtttaat ggcattctcc agcgctgat ccctggcgcg 180
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gtctttatgg ccgtcatcat cctgattgcc ctggcttata tgttcttcgc tggccgttcg 600
ctgcgggctg aagaagatgc ggaaaaacaa acagcagaag tgtctgctca ttaa 654

<210> 313
<211> 318
<212> DNA
<213> Enterobacter cloacae

<400> 313
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atgatcatga agatgaaagt ggaccagttt ttaaccagc caaacattga ccacacgggtg 120
aacagctgcg cagtgggtga atacaaaagt gaactgaacg gcgcggacat catcatcgcc 180
tcaacgcaca ttgccggcga gattagcgtg tcgggcaaca aatacgtggg aggcgtacgc 240
aacatgctgt cgctgcgga ttccggacca aagctgctgg aagtgatcaa agaacacttc 300
ccacaagacg tgaagtaa 318

<210> 314
<211> 186
<212> DNA
<213> Enterobacter cloacae

<400> 314
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gaagcaagca cctggcagga agcgtggaag ctgagcgtgg atctgctggg taaggctgac 120
gttgtcgagc cgcgttacta caggcgattc tggatggcgt ggcgcagcat ggcccttact 180
ttgtga 186

<210> 315
<211> 570
<212> DNA
<213> Enterobacter cloacae

<400> 315
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cgctatggac tgggtacgtt tacgtggggc aacgtaagcg ccatcgatcg cgagcagggg 120
ctggtgggtga ttaagccgag cggcgtggcc tatgacgcca tgaaagcgga cgatatgggtg 180
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<210> 316
 <211> 708
 <212> DNA
 <213> Enterobacter cloacae

<400> 316
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 gttgacagct gcgaattcac gatgattggc ctgcaatcac ttggaaagcg tgagcctgat 180
 gaaaaacacg acgttatttt ccatgggttt acccatatcg aagaacttgc tatgagtga 240
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 aatgacgaca ttctctgcat taaacagaaa caagtgcggg cgaagatcta tatctattcg 360
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 cgttacaatg taggcattgac gacccgctta cgacccccg cgaggctgtc cagcgaggag 540
 gccagcgtat tgcgcggcta ttctgtaat ctcaaaacca agcaaatcgc ccgtcagctg 600
 ggggtgtaacg tcaggctggg ttacttttat aagaacaacg ccatgaacaa gcttaaagcc 660
 gtgcgtggcc cctcgtttta ccagagcatt cgctggatcc tgaattaa 708

<210> 317
 <211> 762
 <212> DNA
 <213> Enterobacter cloacae

<400> 317
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 tcattttctg aaggctgttc catgtataacc gttcttccct ctcccctgtt gcaacgtatc 120
 tcagggtctg gcttccagcc gcttgatgat cttcattcgg gccaggtgtt cgcgcagtaa 180
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 ggatggcaaa tctggctgga cgatttaacc cgggagttgg ctgaggcctt cgcgcggctt 540
 gcgctaccgc tggatggggg aaaaattgac cgttcagcac tgcgcgagcg cgcgcgctt 600
 gccccgtttg tgcaggaggt caggacaggt atcgcgcaat caattcttat cgaaggcatc 660
 gaaaactcgc gggatctggc gcgcgcccgc acgtccggcg cacagtctgg ccagggtttt 720
 ctgtggcccg aaagccgaac cgatgcccgc gtaacgcttt ga 762

<210> 318
 <211> 186
 <212> DNA
 <213> Enterobacter cloacae

<400> 318
 ggcggcaatg atgccagaca cattaaagtc ggcgtgatca atggcgctga gcaggacgtg 60
 gcggaagtcg ccaaaaagggt ggcaaaggag aaatacggtc tggatgttga gctggtgggc 120
 tttagcggct cgctgctgcc caacgatgcc accaaccagg gcgaactgga cgccaacgctc 180
 ttctag 186

<210> 319
 <211> 555
 <212> DNA
 <213> Enterobacter cloacae

<400> 319
 catcggccgt tcctcgaga agataacaag gcgcacaatt acaagctggg cgccgtggcc 60
 aataccttcg tcttcccgat ggcggtttac tcccgaaga ttaaactcgt ctctgagctg 120
 aaggacggcg caaccattgc gattccaaac gatcccacca accttgccg cgcgctgttg 180
 ctgctgcaaa aagagaagct gattaccctt aaaccggatg ttggcctgct gccaacggcg 240

ctggatatta	ccgcgaaccc	gaaaaactta	cagattatgg	agctggaagg	ggcgcagctg	300
ccgcgcgtgc	tggacgatcc	gaaagtggat	gtggccatca	tcagtaccac	ctatctccag	360
caaacggggc	tgtctccggt	acacgacagc	gtctttattg	aagacaaaaa	ctcaccctat	420
gtgaatattg	tggtcacgcg	tgaagacaac	aaagacgctg	aaaacgtgaa	ggaatttatc	480
cagtcctatc	agtcgccgga	agtggcgaaa	gcggcagaga	ccctttttta	cggtggcgcg	540
gtgccgggct	ggtaa					555

<210> 320

<211> 240

<212> DNA

<213> Enterobacter cloacae

<400> 320

acgccccacg	gagttaccgg	gtgcttacca	aagttacgac	cttcaccacc	accatgtggg	60
tggtcgactg	ggttcatcgc	agtaccgcga	acggtaggac	gaacaccacg	ccagcgtgca	120
gcaccagctt	taccagaac	gcgcagcata	tgctcagcat	tgccaacttc	gccagagta	180
gcgcggcagt	ctgcttcgac	tttacgcatt	tcaccagaac	gcagacgcag	ggtgacataa	240

<210> 321

<211> 237

<212> DNA

<213> Enterobacter cloacae

<400> 321

ttttccagcc	gcctggtgaa	gactaagctg	ctggcacaga	aactgaaaga	catggctctg	60
gaagatgtgc	tgatcatcac	cggtgagctg	gacgagaacc	tgttcctggc	cgcgcgtaac	120
ctgcacaagg	ttgacgtacg	cgacgcgact	ggtatcgacc	cggttagcct	gatcgccctc	180
gacaaagtgc	taatgactgc	tgatgctggt	aagcaagttg	aggagatgct	ggcatga	237

<210> 322

<211> 819

<212> DNA

<213> Enterobacter cloacae

<400> 322

aggcccaagc	atgaagcgca	ttatgccgcg	tgcgaaaggt	cgtgcagatc	gcatacctgaa	60
gcgcaccagc	cacattactg	tggttgtgtc	cgatcgctga	gactctggag	actagcaatg	120
ggtcagaaaag	tacatcctaa	tggatttcgc	ctgggtattg	taaaaccatg	gaactctacc	180
tggtttgca	acaccaaaga	attcgcgtgac	aacctggaca	gcgattttta	agtacgtcag	240
tacctgacta	aggaactggc	taaagcgtct	gtatctcgta	tcgttatcga	gcgtccagct	300
aagagcatcc	gtgtgactat	tcacactgct	cgccctggca	tcgttatcgg	taagaaaggc	360
gaagacgtag	aaaaactgcg	caaggtcgta	gcggatatcg	ctggcggttc	tgacacagatc	420
aatatcgctg	aagttcgtaa	gcctgaactg	gacgctaaat	tggttgctga	cagcatcact	480
tctcagctgg	aacgtcgtgt	tatgttccgt	cgtgctatga	agcgtgctgt	acagaacgca	540
atgcgtctgg	gcgctaaagg	tatcaaagtt	gaagttagcg	gccgtctggg	cggcgcggaa	600
atcgcacgta	ccgaatggta	ccgcgaaggt	cgcgtaccgc	tgacacactct	gcgtgctgac	660
atcgactaca	acacctctga	agcgcacacc	acttacgggtg	taatcggcgt	taaggatatgg	720
atcttcaaag	gtgagatcct	gggtgggtatg	gctgctgttg	aacaaccgga	aaaaccggct	780
gctcaaccta	aaaagcagca	gcgtaaaggc	cgtaataata			819

<210> 323

<211> 423

<212> DNA

<213> Enterobacter cloacae

<400> 323

ggagcgtcgc	tgatgttaca	accaaagcgt	acaaaatttc	gtaaagtgca	caaaggccgc	60
aaccgtggtc	tggcgaggg	tacggatggt	agcttcggca	ctttcggctc	gaaagctggt	120
ggccgtggtc	gtctgactgc	acgtcagatc	gaagcagcac	gtcgtgcaat	gaccgcgtgca	180
gttaagcgtc	aaggtaagat	ctggatccgt	gtattcccg	acaaaccgat	caccgagaag	240
ccactggaag	ttcgtatggg	taaaggtaaa	ggtaacgtgg	agtactgggt	tgcccttgatc	300

caaccgggca	aagtccttta	tgaaatggac	ggtgttccgg	aagagctggc	ccgtgaagcc	360
ttcggcctgg	cagcagcgaa	actgcctatc	aaaaccacct	ttgtaactaa	gacggtgatg	420
taa						423

<210> 324

<211> 843

<212> DNA

<213> Enterobacter cloacae

<400> 324

gtaagtcgga	ggagtaatac	aatggcagtt	gttaaagtga	aaccgacatc	tccgggtcgt	60
cgccacgtag	ttaaagtggg	taaccctgag	ctgcacaagg	gcaaaccctt	tgctccgttg	120
ctggaaaaaa	acagcaaatac	cggtgggtcgt	aacaacaatg	gccgtatcac	cactcgtcac	180
atcgggtggtg	gccacaagca	ggcttatcgt	attgttgact	tcaaacgcaa	caaagacggt	240
atcccagcag	ttgttgagcg	tcttgagtac	gatccgaacc	gttccgcgaa	catcgcgctg	300
gttctgtaca	aagatggcga	acgccgttac	atcctggccc	ctaaaggcct	gaaagctggc	360
gaccagattc	agtctggcgt	tgatgctgca	atcaaagcag	gcaacaccct	gccgatgcgc	420
aatatcccg	ttggttctac	cgttcataac	gtagaaatga	aaccaggtaa	aggcggtcag	480
ctggcgcggtt	ccgcgggtac	ttacgttcag	atcgttgccg	gtgacgggtg	ttatgtcacc	540
ctgcgtctgc	gttctgggtga	aatgcgtaaa	gtcgaagcag	actgccgcgc	tactctgggc	600
gaagttggca	atgctgagca	tatgctgcgc	gttctgggta	aagctgggtg	tgacgctgg	660
cgtgggtgttc	gtcctaccgt	tcgcgggtact	gcgatgaacc	cagtcgacca	cccacatggt	720
ggtggtgaag	gtcgttaactt	tggttaagcac	ccggttaactc	cgtggggcgt	tcagaccaa	780
ggtaagaaga	cccgcagcaa	caagcgtact	gataaattta	tcgtacgtcg	ccgtagcaaa	840
taa						843

<210> 325

<211> 342

<212> DNA

<213> Enterobacter cloacae

<400> 325

gaggaagaga	tggaactttt	agctcaacat	cgccatgctc	gttctttctgc	acagaaggtt	60
cgccttggtg	ctgacctgat	tcgcggtaag	aaagtgtcgc	aggccctgga	catcctgacc	120
tataccaaca	agaaagctgc	ggtattggtc	aagaaagtac	tggaatctgc	cattgctaac	180
gctgaacaca	acgatggcgc	tgacatcgac	gatctgaaa	tcgcgaaaat	tttcgtagat	240
gaaggcccaa	gcatgaagcg	cattatgccg	cgtgcgaaa	gtcgtgcaga	tcgcatacctg	300
aagcgcacca	gccacattac	tgtggttgtg	tccgatcgct	ga		342

<210> 326

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 326

gactttactg	actcagaagg	cggtgtcgta	atgaccgata	aaatccgtac	tctgcaagggt	60
cgtgttggtta	gcgataaaat	ggagaaatcc	attgttgtag	ctatcgaacg	ttttgtgaaa	120
cacccgatct	acggtaaatt	catcaagcgt	acgaccaaac	tgacagtaca	tgacgagaac	180
aacgaatgtg	gtatcggcga	caagggttgaa	atccgtgatg	ctgtccagggt	cgacgactac	240
tcctggacgc	tgttcgcgtg	taaaaaaaag				270

<210> 327

<211> 315

<212> DNA

<213> Enterobacter cloacae

<400> 327

ggagatgctg	gcatgattcg	tgaagaacgt	ctgctgaagg	tgctgcgcgc	accgcacggt	60
tctgaaaaag	cgtctactgc	gatggaaaaa	acaaacacca	tcgttctcaa	agttgctaaa	120
gacgcgacca	aagcagagat	caaagctgct	gtgcagaaac	tgtttgaaagt	cgaagtcgaa	180
gtcgttaaca	ccctggtagt	taaagggaaa	gttaaactgc	acggacagcg	tatcgggtcgt	240

cgtagcgact ggaaaaaagc ttacgtcacc ctgaaagaag gccagaacct ggacttcggt 300
ggcggcgctg agtaa 315

<210> 328
<211> 282
<212> DNA
<213> Enterobacter cloacae

<400> 328
gccatgccac gttctctcaa gaaaggctct tttattgacc tgcacttgct gaagaaggta 60
gagaaagcgg tggaagcgg agacaagaag cccctgcgca cttgggtcccg tcgttcaacg 120
atctttccta acatgatcgg tttgaccatc gctgtccata atggctcgtca gcacgttcca 180
gtctttgtta ccgacgaaat ggttggtcac aaactgggtg aattcgcacc gactcgtact 240
tatcgcggcc acgctgctga taaaaaagcg aagaagaaat aa 282

<210> 329
<211> 204
<212> DNA
<213> Enterobacter cloacae

<400> 329
gacggtgatg taatgaaagc aaaagagctg cgtgaaaaaa gcgttgaaga gctgaacgct 60
gagctgctga acctgctgcg tgagcagttc aacctgcgta tgcaggctgc aagtggccag 120
ctgcaacaga ctcacctgct gaagcaagtg cgtcgcaatg ttgcgcgcgt taagacttta 180
ctgactcaga aggcgggtgc gtaa 204

<210> 330
<211> 1308
<212> DNA
<213> Enterobacter cloacae

<400> 330
acgcttttgc ttccaaccgg gcggttaaaa ctctacggtg aatcattttc agatgcacac 60
cttaacgtgt tattaactaa gcttgaaaaa gcggcgacta atattacgga aaagcgtaag 120
tcaggctggg atgaaaaaga cggtgtgctg attacctatg ccgatcagtt ctccacaaaa 180
ggggagcaag cggtgcccgg atttaccggg ttctataatg aatggctttc tcgtacgttt 240
tcccatgtcc atctgttacc tttttatccg tggctctcgg atgatggatt ttccgttatt 300
gattatcacg aggttgctcc tgaaacagga acctggcgag atgtcgcgga attaaaacat 360
tcagcagct taatgtttga ctctgtttgc aatcatatgt cagcgaaaag cgaatggttt 420
gctaattatc ttgcgcagaa gccgggctac gaagatttct ttatttctgt cgaccccgaa 480
accgatttat ccgcggtgac gcgtccacgc gcattaccgc tgcgtacgcc gttcacgctt 540
catgatggca gcgttcgtca tctgtggacc acattcagcg atgaccagat cgatctcaat 600
ttcgccctcg cgcaggtgct gattgccatg gttgacgttc tgcctcatta cctcatggaa 660
ggggcgcggt atatccgtct ggatgcggtc gggtttatgt ggaagatccc gggaaccacc 720
tgtatccatc tggaacaaac ccattgcctt atccagctgt tccgcgccat tacggacgct 780
gtggcgccgt gaacggtgat catcactgag acaaatgttc cccacaaaga caatgtctct 840
tacttcggtg atggtgaaaa tgaagcccac atggtctatc agttttcctt acctccgctg 900
gtgctgcatg ctgttcacg tcaggatgtt aaaaccctat gccagtgggc ggggtcactg 960
gcgctgcctt caactcatac cacctgggtt aatttcctgg cctcgcatga tgggtatcgg 1020
ttgaaccggt tacgcggcat ccttccggaa tcagagatcc tctcgtggt tgaaaagctt 1080
cagcatgaat gcgcgctggt caactggaaa aataatcctg acggtacgcg aagcccctat 1140
gaaattaatg tcacctatct tgatgcgttg agtttgcgag acagctcata tgatgagcgc 1200
attgcgcggt tcactctgtc gcatgctgtg ttgttaagtt ttcctggcgt accggctgta 1260
tatattcaaa gcattctcgg ttcgcgtaac gattatgaag gtgtctaa 1308

<210> 331
<211> 375
<212> DNA
<213> Enterobacter cloacae

<220>

<221>unsure

<222>(96)

<400> 331

cgtcttggat	ataaccgcgc	aataaacagc	aagaaataca	ccgcacgtca	cgttgatctg	60
gaactcaata	ataagaagag	tatacgttat	caaatntatt	ctcgtttgag	tgagttttatt	120
gctattcgtc	gcggcgagag	tgcgttccat	ccgcatagcc	aggctatatt	tgacgcaatc	180
ggcgaacata	tccttaaaat	tggttcgtgt	gctgaaaatg	gcgagcgaat	gacagcatta	240
tttaatttta	gcaataaaat	gcagaccatt	tatggacaaa	cgctctttgg	tagggaatta	300
ctatcaggac	acgatattag	cggtacggaa	ctgaacctca	atccatggca	ggtaatgtgg	360
attaagaaa	actaa					375

<210> 332

<211> 1326

<212> DNA

<213> Enterobacter cloacae

<400> 332

tgtggattaa	agaaaaactaa	aaaggaccct	aaaatgaaaa	tgcccaaaat	tgtgctgtta	60
tcagcactgg	tttcgtgcgc	cctgttatca	ggctgtaagg	acgataaagc	atctcaggtc	120
accattgagt	ttatgcactc	gtcggtagaa	caggagcgtc	aggcagttat	tacgaaactg	180
atcgaaaaat	tcgagaaaag	gaaccgcact	attacggtga	aacagggtacc	cgttgaggaa	240
gatgcctata	acaccaaggt	cattacggtg	ccccgtaccg	gcgcgctgcc	ggaagtgatt	300
gaagtcagcc	atgactacgc	caaagtcatt	gataaagagc	aactgctgga	ccgtgacgcg	360
atcggcaacg	cgattaaagc	cgtcggtgaa	gatacctttt	atgacggcat	tttacgcgtt	420
gttcgactg	aagacggcaa	ggcatggacg	ggggtgccgg	ttagcgctcg	gctgtccggc	480
gtctggtatc	acaaagatgc	gctcgcggca	gcagggaatc	aagagccgca	caactgggag	540
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ctgccaaacc	cagaaagcgt	catgaccgag	caggctttct	cgcagtttgc	gttgtcaggc	660
ggagccaacg	tctttgatgc	aaacggcaac	gtgaaaatcg	ataccctga	aatgtcgaaa	720
gcgctggcgt	tttatcgggc	actggccgcg	aacaccatgc	cgggctcgaa	tgatgtcatg	780
gagatcaaa	acgccttc	gaacggctgt	gcgcgcatgg	ccgtttactc	cacctatctc	840
ctgcccgcgg	tctacaaaga	tggaatccg	gccaacctgg	ggttcgtgg	cccgcaggaa	900
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gaggaaacgc	aggcggcaga	aaaatttgtg	acctggatgg	agcaggctca	aaacgcgtct	1020
gactgggtga	tgatgtcccc	tggtgcggcg	ctgccgttga	acaaactcgt	ggtgggcact	1080
gagagctgga	aaaacaacga	cgtgatcaaa	gcctttggtc	aactgcctta	cgagctgatt	1140
gcgcagttcc	cgaacgtcca	ggtattttgg	gccgtaggcg	acaaaaactt	taccgcgatg	1200
ggagatgtta	ccgggtccgg	cattatcagt	tccatgggtc	ataacgtaac	ggtgggacaa	1260
aaagatctca	atgcgacgtt	aagcaacagc	cagaagaaac	tgactgacct	gatctcacia	1320
cgatag						1326

<210> 333

<211> 903

<212> DNA

<213> Enterobacter cloacae

<400> 333

gagcgctttg	cgaagggaat	tatgaagacg	ttgttttctg	gtcgttcaga	tatgcctttc	60
gccatgctgc	tggtggcccc	cagcctgatt	ttgctggggg	gcctggtggc	ctggccaatg	120
atttccaaca	ttgaaatcag	ttttttacgt	ttaccgctga	acccgcgtat	tgatgcgggtg	180
ttcgtcggcc	tggaataacta	cattcgcatt	ctgggcgatg	ctgcgttctg	gcactccctg	240
tggtatgacg	tctggtatac	ggccctgggtc	gtgctcggca	gcaccgggtt	gggactggcc	300
gtagcgatct	tctttaaccg	tgaattccgc	atgcggaaaa	cggcacgttc	actggtgatt	360
ctgtcctacg	tgacgcgcgc	tattttcactg	gtatttgcct	ggaaatacat	gttcaacaac	420
ggctacggga	ttgtgaacta	cctgggcgtt	gatctgctgc	atctctacga	tcaggcgccg	480
ctgtggttcg	ataatcctgg	cagcagtttt	gtcctggttg	tgctgttcgc	catctggcgt	540
tacttcccg	acgcctttat	ctcgttcctc	gcaattttgc	agaccattga	taaatcattg	600
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cccgccatca	tgccggtgct	ggccacgggtg	gtcacgctgc	gaaccatctg	gatgttctac	720
atgtttgcgg	atgtgtatct	gctcaccacc	aaggtcgaca	ttctgggcgt	atatctctac	780

aaaaccgcct ttgcgttcaa tgacctgggt aaagcagccg ccatttccgt tgtgctgttt 840
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taa 903

<210> 334
<211> 645
<212> DNA
<213> Enterobacter cloacae

<220>
<221>unsure
<222>(525)

<220>
<221>unsure
<222>(526)

<220>
<221>unsure
<222>(544)

<220>
<221>unsure
<222>(546)

<220>
<221>unsure
<222>(609)

<400> 334
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gtattcctga ttatcacgct gtttccgttt tttgtgatgt tgatgacgtc attcaaaagc 120
gcgaaagagg cgatctcgtc gcacccgacc attctgcccgc aggagtggac gctacagcac 180
tacatcgaca tctttaaccc gctgattttc ccgtttgtgg attacttccg taacagcatg 240
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atgttctccg ggatcctgct ggtggtgccg ctgttcaaaa tcatcacgcg gctcggcatt 420
tatgacaccg aactggcgct gatcatcacc atggtgacgc agacgttgcc taccgcggtc 480
tttatgctgc gcaactattt cgacaccatc ccggacgaaa tcgannaagc cccgatgaag 540
gacngtctga aacgcctgca aatcatcttc cgcataccac tcccgtggg caattccggt 600
ctggtgttng tctttgttca ctgcttcatt gttggcgtgg aatga 645

<210> 335
<211> 459
<212> DNA
<213> Enterobacter cloacae

<400> 335
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caggcaggtc agcgtgtgca gatcatcaaa cgcgatccga aagaggcgcg cgtgttgctg 120
atgagtaccg aagtggtaag cgataaggat ggcaccattg ccgtgctgct gggggcatct 180
ccgggggctg ctaccgctgc gccaatcatg ctgcacctga tggaaaaagt gtttaaggac 240
aaagtatcca gcccggaatg gcaggcgaag ctgaaaacca ttattccatc ttacgggtacg 300
aagctgaacg gtaacgttga ggccacggaa caagagctgg aatacaccag ccgcgttctg 360
caactgcaat acgtcaaac gcaggctgct gatgctgcgc caaaggcaga gctgaagcct 420
caggcggaag gcaagccggt agcggatatc gcgctgtaa 459

<210> 336
<211> 372
<212> DNA
<213> Enterobacter cloacae

<400> 336
 tgcactgctt ttgtgttctt ttattggtgt ttaatgctgt ggtggagtcg atgcggcgat 60
 cgtgttattt tacgcgttaa ttattgttat ttatctgtaa agggaggaga tatggtacgg 120
 gaaaaactga agacacctga aggccgcaag ttctgctgg cgttactgg tgtgtttatg 180
 attgctgctg catgcgtggg gcgagcaacc attgtcgggtg tgattgagca gtacaacatc 240
 ccgctatctg cctggacaac cagcatgttt gtcctgcaat cggcgatgat ctttgtttac 300
 agcctggtgt tcaccgtgct gctggcgatt ccgctgggga ttttctttct cgggtgggcgt 360
 gaaaaacact aa 372

<210> 337
 <211> 410
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221>unsure
 <222>(372)

<400> 337
 ataccgcccg gtctaaaagg agagttttatc atgagtctgg aaatcaacca gattgccttg 60
 caccagctta tcaagcgtga tgagcaaacc cttgaagtgg tgctgcgcga ttcgttactg 120
 gaaccaacgc ctaccgttgt cgagatgatg gcggagttgc atcgctcta cagcgcgaaa 180
 aataaagcct atggcttggt cagcgaagag agcgaactgg cggatagcct gcgcctgcaa 240
 cgtcagggcg aagaggattt cctggcattc agccgcgctg ctactggccg tctgcgtgac 300
 gagctggcga aatatccctt cgccgatggc ggtatcgtcc tgttctgccca ctaccgctgt 360
 ccggcggtag tntttccaca agagctggca atccgcgagg tcaatagggga 410

<210> 338
 <211> 1875
 <212> DNA
 <213> Enterobacter cloacae

<400> 338
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 tgacgtcctc cgttagcgac gaccaggcac actaaggga acgaacaaca gtttatggtg 120
 acgaatcgtc agcgtaccg tgaaaaagtc tcccagatgg tcagctgggg gcactggttt 180
 gccctgttca acattctgtt ggcgatgggtg ctcggctgcc gttatctgtt tgtggcgac 240
 tggccaacca cattaaccgg gcgcgtctac tcgtggatga gccttgtggg tcactttagc 300
 tttctggtct tgccaccta tctgctgac ctgttccac tgacgtttat cgtcatgtcg 360
 cagcggctga tgcgcttcc gtctgccatt cttgcaacgg cgggcatgac gctgttgctg 420
 atcgacagcg aagtctttac ccgattccac ctgcacctga atcctgtcgt ctgggagctg 480
 gtgattaacc cggatcagaa cgagaccgcg cgcgactggc agctgatgtt tatcagcgtg 540
 ccgattatcc tgctgatcga aatgctgttc gccacgtgga gctggcaaaa actccgcagt 600
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<210> 339

<211> 519

<212> DNA

<213> Enterobacter cloacae

<400> 339

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gctccgtatc	cgcaagcgga	caaagggatg	aagcgccagg	ttattcagct	cccggctcag	180
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aaccagcatc	gtctgggagg	ccaactggaa	agcaaaacgc	tggaaggctg	gggctatgac	300
tactatgtct	tcgacaaagt	aacctcgcca	gtctccacca	tgatggcgctg	cccggacggc	360
aagaaagaga	agaaatttat	taccgcgtat	ctgggtgata	acagtctgct	gcgctataac	420
agcaagctgc	cgatcgctgt	atatacgccg	gaaaacgtgg	atgtgaaata	tcgcgtatgg	480
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<210> 340

<211> 231

<212> DNA

<213> Enterobacter cloacae

<400> 340

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atggtttacca	acctgatcaa	taccagcgtt	gctccggctc	agcgtcaggc	gatcgccaaa	180
tctttcgccc	aggctttgca	gtcctccgtt	agcgacgacc	aggcacacta	a	231

<210> 341

<211> 1458

<212> DNA

<213> Enterobacter cloacae

<400> 341

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aggttcaaaa	tttccctgac	cacacgcctg	agcctgattt	tttctgcggt	gatgcttacg	120
gtatggtggt	tatcaagttt	tatcctgatt	agcaccctta	atggctattt	cgataatcag	180
gaccgcgatt	ttctgacagg	taaacttcag	ctcaccgaag	agtttcttaa	aacagagacg	240
ttcaggaaca	aaacggatat	taagtcatta	tcagaaaaaa	taaacgatgc	gatggtgggg	300
cacaatggct	tattcatattc	tataaaaaaac	atggaaaatg	aaaaaattgt	tgaactctat	360
gccaaaaatt	ctggtgttcc	agcggtcctg	cttaataagt	cgggtgatat	tctcgactat	420
atgatccaga	cggaagaaaa	taacaccgtg	taccgcagta	tctcgcggcg	ggttgccgtg	480
acgccggaac	agggtaaaag	caaacatgtc	atcattacgg	ttgccacgga	tactgggtat	540
cacaccctgt	ttatggacaa	actcagtacc	tggtgttct	ggttcaatat	cggtctggtc	600
tttatttctg	tttttctggg	ctggctgacc	acacgtattg	gtctgaaacc	gctacgggaa	660
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tcaaggttct	acaacacgga	aggcgcgggg	ctgggattat	caattacaag	gtcgatcatt	1380
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cgctgttaa	tggttaa					1458

<210> 342
 <211> 732
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (297)

<220>
 <221> unsure
 <222> (306)

<400> 342						
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ggtgctttgt	tcctttacac	taataagaga	gtattgtcct	gcctgctgat	gacgatgagt	180
gggggcgtgg	cgctggctac	acttgccctg	ggaggacacg	ccgttatgca	tgacggtctg	240
cattactatc	tccatttact	gagcgatctg	acccatctcg	gcgctgcagg	tgccctngac	300
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gttgtagccc	tgatcctgac	tgcgctggtc	aactatctgt	atattgctga	gggtaactta	480
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ctgatgcttc	ttctggctgc	agcaaaccgg	tttcacctgg	gtccccggct	tgaagttatg	600
gtcagggaag	ggaattatga	tgcgagcgtt	gccctgatgc	gaaacagcat	cctgacagaa	660
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<210> 343
 <211> 711
 <212> DNA
 <213> Enterobacter cloacae

<400> 343						
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caaaaaacag	gtcgttacct	gcagcaggga	ctgggtgagg	aaggctatca	ggccgatctc	120
tttaataaatg	gccgcgatgg	tctcggggcc	gcgtcgaagg	gacagtatga	tttgataata	180
ctggacgtga	tgctgccttt	cctcgacggg	tggaatca	tcagcgact	gagggagtcc	240
gggcacgaag	aaccggtcct	gtttttaacc	gcaaaggaca	acgtgcggga	caaagtga	300
ggactggagc	ttggcgaga	tgactacctg	attaagccct	ttgattttac	ggagctggtt	360
gcacgtgtaa	gaaccctact	gcgccgggca	cgctcgagc	ccgcaacagt	ctgcaccatc	420
gccgatatga	ccgttgatat	ggtgcgccgg	accgtgatcc	gttcggggaa	gaagatccat	480
ctcaccggta	aagaatacgt	tctgcttgag	ttgctgctgc	aacgcaccgg	agaagtgtta	540
cccaggagtc	ttatctcgtc	cctggtctgg	aacatgaatt	ttgacagtga	tacgaatgtg	600
attgatgtcg	ccgtgagacg	tctgagaagt	aaaattgatg	atgactttga	gccaaaactg	660
atccataccg	ttcgcggtgc	cggatatgtc	ctggagatca	gagaagagtg	a	711

<210> 344
 <211> 413
 <212> DNA
 <213> Enterobacter cloacae

<400> 344						
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gcgcgggata	atggaattaa	tgacaatctg	ctgtttacct	ggcgccagcg	ttacagacat	180
cttctgccc	atgaaatata	acggtcaatc	agagagcaag	actctgttat	ccccgttgtc	240

ctgcctgata	tggccctgtc	acaccatgct	gagccgcact	atgaacccgc	cgctccagcc	300
tgccgcgagg	ccatgacatg	cgaagtgact	gtcggcggtg	ccagcctgcg	tctgtccggg	360
gatttatcac	ctgcacttct	gaaaacgctg	atccgcgaaa	ctttggaaaa	acc	413

<210> 345

<211> 1230

<212> DNA

<213> Enterobacter cloacae

<400> 345

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aaatactggc	ggctcaagta	tcgtgtagcc	ggcaaagaga	agctgttagc	gcttgggtgtg	180
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gctgggggta	tcgatcctat	ggaagcgaaa	ggggaggaga	agattgcccg	tgaaattcag	300
ttaaacaaca	ccttcaaaga	tattgccctt	gaatggcaca	gcagcaaact	aaaaaaatgg	360
tctgctggtt	atgcttcaga	catcctcgaa	gccttcaata	aagatgtgtt	cccatacatt	420
ggcaaaaaac	caatagccga	aatcaaacccg	cttgaactgt	tgaatgtgct	acggcgcatt	480
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cacgtcgaca	aaaactctat	acgaggaacg	tacaaccacg	cccagtatct	ggatggccgc	1140
cgcgaaatgc	tccagtggta	tgccgactat	atggaggcgt	tggaaaaacgg	cgaaaaatgta	1200
gtgcacggaa	cgtttgggaa	aagtgcctaa				1230

<210> 346

<211> 1227

<212> DNA

<213> Enterobacter cloacae

<400> 346

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aaattggggg	attatgtgga	atatcattcg	caggaaattt	tgctcgccaa	cgagcaggat	120
ctgctggaag	cgcgtcgcaa	cggtctgagc	gaagcgatgc	tcgaccgtct	ggcgtgacc	180
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cgcaccaacg	ccgcgacggg	aaatgtcatt	cagcaggcgc	tggaggagtg	tggtttaccg	480
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acgcgcttta	ccgatggcgg	ccagtttggt	ctgggcgcgg	aggtggcggg	gagcacacag	1140
aagctgcacg	ccgcgggtcc	gatggggctg	gaagcgtga	ccacctaaa	gtggatcggc	1200
tttgggtgatg	ataccattcg	tgcgtaa				1227

<210> 347

<211> 399
 <212> DNA
 <213> Enterobacter cloacae

<400> 347
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 gccgcgaaca aagttgcggt caccatgcct tccgccaagc tgaaagtggc aattgccaac 120
 gtgctgaagg aagaaggttt tatcgaagat tttaaagttg aaggcgacac caagccggaa 180
 ctggaactta ctctcaagta tttccagggg aaagctgttg tagaaagcat tcagcgtgtc 240
 agccgccag gcctgcgcat ctataagaaa aaagatgagc tgccaaaagt aatggctggg 300
 cttggtatcg cagttgtttc tacctctaaa ggtgttatga ctgatcgtgc agcgcgccag 360
 gctggtcttg gtggcgaaat tatctgctac gtagcctaa 399

<210> 348
 <211> 546
 <212> DNA
 <213> Enterobacter cloacae

<400> 348
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 ggtttcgtgg atggatgggc tcaggctggg accgcgcgtg ccctgctgaa ctcaatgggt 240
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 ctgccggccg gtatcactgc agaatgcccg actcagactg aaatcgtgct gaaaggcgct 420
 gataaacagc tgatcgggtca ggttgacgca gatctgcgcg cctaccgtcg tcctgagcct 480
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 aagtaa 546

<210> 349
 <211> 363
 <212> DNA
 <213> Enterobacter cloacae

<400> 349
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 caggtaatg caccgaacgg ttctgaagtt ctggtagctg cttctactgt agaaaaagct 180
 atctcagaac aattgaagta taccggtaac aaagacgccg cagcagctgt aggtaaagct 240
 gtcgctgaac gcgctctgga aaaaggcatc agcaatgttt cctttgaccg ttccgggttc 300
 caatatcatg gtcgtgtcca ggcactggca gatgctgccc gtgaagctgg ccttcagttc 360
 taa 363

<210> 350
 <211> 927
 <212> DNA
 <213> Enterobacter cloacae

<400> 350
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 aaacgcagac tgctgtttgt aatcggcgcg ctgatttgtt tccgtatttg ctcttttatt 120
 ccgatccctg gtattgatgc cgctgtactt gccaaactgc ttgagcaaca gcgaggcacc 180
 atcattgaaa tgttcaacat gttctctggt ggtgctctca gccgtgcttc tattttcgca 240
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 gaacgaggta tcggtaacgg tatctcaatc attatcttcg ccggtatcgt tgcgggtctc 600
 ccgccggcca tcgcccatc tatcgagcaa gcgcgtcaag gcgacctgca ctctctcctg 660

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ggtcaacgcc	gcattgtggg	gaactacgct	aaacgtcagc	agggtcgtcg	tgtctatgct	780
gcacagagca	cacattttacc	gctgaaagtg	aatatggcgg	gggttatccc	ggctatcttc	840
gcttccagta	ttattctgtt	cccggcaacc	atcgcgtcat	ggttcggggg	cggctcttcac	900
cacacggggc	gaaaaatccga	cgcataag				927

<210> 351

<211> 510

<212> DNA

<213> Enterobacter cloacae

<400> 351

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gtagtgggtg	atggcaacgg	tcgcgttggg	tttgggttacg	gtaaaagcgcg	tgaagttcca	180
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ccagcttccg	aaggtaccgg	tatcatcgcc	gggtggtgcaa	tgcgcgcgct	tctggaagtt	360
gctggagttc	ataacgttct	ggctaaagca	tatggttcca	ccaaccgat	caacgtggtt	420
cgtgcaacta	ttgatggcct	ggaaaaatatg	aattctccag	aaatggtcgc	tgccaagcgt	480
ggtaaatccg	ttgaagaaat	tctggggtaa				510

<210> 352

<211> 186

<212> DNA

<213> Enterobacter cloacae

<400> 352

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aaacacaagg	caacgctgct	tggcctgggt	ctgcgtcgta	ttggtcatac	cgttgagcgc	120
gaggatactc	ctgctgttcg	tggatatggc	aacgcgggtt	acttcatggg	taaagttgag	180
gagtaa						186

<210> 353

<211> 438

<212> DNA

<213> Enterobacter cloacae

<400> 353

gagatgcgtt	taaatactct	gtctccggcc	gaaggctcta	aaaaggcggg	taaacgcctg	60
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tctcgttctg	gcgggtggcg	acgtcgcggt	ttcgaggggtg	gccagatgcc	actgtaccgt	180
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attatcggtg	tccagatcga	gttcgcgaaa	gtgatcctgg	ctggtgaagt	ttctactccg	360
gtaactgttc	gtggcctgcg	tgttactaaa	ggtgctcgtg	ctgctatcga	agctgctggc	420
ggtaaaattg	aggaataa					438

<210> 354

<211> 273

<212> DNA

<213> Enterobacter cloacae

<400> 354

tttcagttaa	tcaacaaact	ttctgccgcc	gcggtatcgt	ggcggcggtca	tggagtcac	60
atggcgcaaa	tcatatttaa	tagagaatgg	gttgttgagg	cagaactgac	tgcaacttac	120
ggcctgagcg	agcgacaaat	aaaagctctc	cgcatgggcc	cctggcttga	aggatatac	180
ttcaaacgcc	agtcaatgaa	aggcggagaa	accaaacgcg	gtctcctctg	gtacaactac	240
cctcgcataa	atcagttagt	gcaggagctg	ttaa			273

<210> 355

<211> 1389
 <212> DNA
 <213> Enterobacter cloacae

<400> 355
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 cagcgcagaa cgccaaaaag aatgctggcg tggatccgta aaaccatgct ggtttcgact 120
 caatggccag agattaaaaa gcagctcacc aaatggctgg atactcctcc agcgaagcgt 180
 gagccggtag atatcaatac tgagacaaaa accgacagcg gcgccacgct tggcggcgga 240
 aatcagacag accgcagccc tgatctggtc cacaacttgg caaccctccg cattgaaacc 300
 gcacttgga tcattgcggc cgccatggac tttgatattt attccatccc ggtagaaatc 360
 atgcgccgcg caaaagagtt ggagagcagc ggcggggac cccgtttttc agcgtggtgg 420
 actaaattac gcgtcacgcc tggatttctc gattattccc gcgcgcgtat catcgctctg 480
 atcaagagcg gcgcggaaga cctttatctg cgtccagtag acctgcgcgc ttacatcaat 540
 cgtgaactgg tcgagtcaga tcacgctaag ccagatccaa aaaccgttgc taccgcatgc 600
 ggtaccgcaa ctacagagca aaatgatgat cagacccaac ctgctgaaaa ggacaaagct 660
 gatttaccag cagtgtgccc gggccgcgct gcgcagctcg acaaagaact caatgaagca 720
 ttcgaaaaac gcccttcagt ggaaccgcag gccagcgatc aaccocagat agagaacctg 780
 ggccggcggg tcttctctgt tgaagctctg ataaatcccc cctcctcaaa tgaagtcgaa 840
 aaacaggaag tgccaccagc attaacccgat cgcgaaatcg aaattgctca tgcactgaat 900
 gatttgatcg ctggccggac ccgcatcatg gataaagagg aggccgaagg cgtagtgacc 960
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 aaaccgaaaa aagcagcaga accagttcct gaaaccaca ccgcggcacc actgaactac 1260
 cgccagcagc tcactccttg cgctatgcag ggtatgtgtg ccaacccttc ctatcgctgt 1320
 gattttgagg atttaccgcg catggcgatc gaactggcgg atagcttgat caatcaggat 1380
 ggtatctga 1389

<210> 356
 <211> 1392
 <212> DNA
 <213> Enterobacter cloacae

<400> 356
 aggtatacac ttcaaacgcc agtcaatgaa aggcggagaa accaaacgcg gtctcctctg 60
 gtacaactac cctcgcataa atcagttagt gcaggagctg taatgtcttt tcccacgggc 120
 gttgaaatcc ataacggcaa aatccgaatc tctttcacct accgcggcaa gcgttgccgc 180
 gaagtgttga aaggttgggt gaacaccctt gcaaacatca taaaggccgg aaacctgcga 240
 gcgtgtatcg tcagcgaaat tcagatggga gagtgtgatt attcccggcg gttccctgag 300
 tcgaaagccg ttcagaaatt tacctctacc cgcgtggcgt atacctgggg cgatctcaac 360
 gaactatggc tggccgcca agaggaggac gtttcaagga atactatgac gcgcctgctt 420
 gccagctca gaacgataaa tcgaattgtc ggggagaata cgctgattgt agacataacc 480
 cacagcgaca tgctgcggta caggaaaagaa ctattgcggg gagagagctt ttacgcggaa 540
 ggaaacaaac ggaaaaaaac gggccgcagc gtgaacaccg ttaacgacta tatatcggtt 600
 gtctgccaga tgctgcgctt cgctcaccgc agccggttca ttaccgagaa gcctttcgag 660
 cacatcacca aactgcacaa agaccggaaa aagcctgacc cgttgacagc ggatgaatac 720
 gccaccatga tgctggcgat caacggccag gatagaaatt tatggcaatt cgcgatgaac 780
 gccgggcccgc gccacggcga gcttgctgct ctcgcttggg atgacgtcga tcttgaatca 840
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 aaagccggtg accgggtgat caccctgctc gcccggcgc tcgatgctct acgtgcgcaa 960
 tatgactga ctggccatct gccagaaacg gagatcgctc agcatttcag ggagtacggc 1020
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 ggtattcgcc gccgggcacc atatcagtc aggcatactt ttgcatgctg gtctctggcc 1200
 gcaggcgcga acccgtcggt catcgccagc cagctcgggc acgaagatgc ggaaatggtg 1260
 taccgggtgt actcagcatg gatcaagag ttcgatgggg aacaggtaga gctgcttaac 1320
 cagagattag ggtttgcccc caatacgccc cctgaaggga aaatcataaa aataaatgag 1380
 ttgaatcagt aa 1392

<210> 357
 <211> 522
 <212> DNA
 <213> Enterobacter cloacae

<400> 357
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 ggttggttta tgagtgcgaa taccgaagct caaggagcg ggcgcggcct ggaagcgatg 120
 aaatgggttag ttgtagccgt gctgctgatt gtggcgattg tcggcaacta tctttatcgt 180
 gacatgatgc tgccgctacg cgcgcttgca gtggtaattc tgattgctgc ggcgggtggt 240
 gtcgcgctgt tgacgacgaa aggcaaacgc accgttgctg ttgcccgcga agcgcgtacc 300
 gaagtccgca aggtcatttg gccgactcgc caggaaacat tgcacaccac gctgattgta 360
 gcggcgggtga accgctgtaa tgtcactgat cctgtgggga ctggatggta ttctggttcg 420
 cctggtatcc tttatcactg gcctgagggt ctgagatgtc tgaagccctc aaaaagcgct 480
 ggtacgtcgt tcaggcggtt tccggttttg aaggccgcgt ag 522

<210> 358
 <211> 1221
 <212> DNA
 <213> Enterobacter cloacae

<400> 358
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 acaaaaccgc acgttaacgt cggtaactat ggccacgttg accatggtaa aacaacgctg 120
 accgctgcaa tcaactaccgt actggctaaa acctacggcg gtgctgctcg tgctttcgat 180
 cagatcgata acgcaccaga agaaaaagct cgtggatatca ccatcaacac ttctcacgtt 240
 gagtatgaca ccccgactcg ccaactacgca cacgtagact gcccaggcca cgcgcactat 300
 gttaaaaaaca tgatcaccgg tgctgcgcag atggacggcg cgatcctggt tggtgctgcg 360
 actgacggcc ctatgcctca gactcgtgag cacatcctgc tgggtcgtca ggtaggcgtt 420
 ccttacatca tcgtgttctc gaacaagtgc gacatggttg atgacgaaga gctgctggaa 480
 ctggtagaga tggaaagtgc tgaactgctg tctcagtaca atttcccagg cgacgacact 540
 ccaatcgttc gtggttccgc gctgaaaagcg ctggaaggcg aagcagagtg ggaagagaaa 600
 atcatcgaac tggttggtta cctggattct tacatcccag aaccagagcg tgcgattgac 660
 aagccattcc tgctgccaat cgaagacgta ttctccatct ccggtcgtgg taccgttggt 720
 accggtcgtg tagagcgcgg tatcatcaaa gttggtgaag aagttgaaat cgttggtatc 780
 aaagagactg cgaagtctac ctgtactggc gttgaaatgt tccgcaaact gctggatgaa 840
 ggccgtgctg gtgagaacgt tggtgttctg ctgctggta tcaaactgta agaaatcgaa 900
 cgtggtcagg ttctggcgaa gccaggctca atcaagccac acaccaagtt cgaatctgaa 960
 gtgtacattc tgtccaaaga cgaaggcggc cgtcatactc cgttcttcaa aggctaccga 1020
 ccacagttct acttccgtac aactgacgtg accggtacca tcgaactgcc agaagcgcta 1080
 gagatggtaa tgccaggcga caacatcaag atggttgta ctctgatcca cccaatcgcg 1140
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 gttgctaaag ttctcggcta a 1221

<210> 359
 <211> 555
 <212> DNA
 <213> Enterobacter cloacae

<400> 359
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 tttgaaggcc gcgtagctac gtcgctgcgt gagcatatca aattacacaa tatggaagag 120
 ttatttggtg aagttatggt tccgaccgaa gaagtgggtg agatccgtgg cggccaacgt 180
 cgcaaaagcg aacgtaaatt cttcccgggt tacgtgctgg ttcagatggt gatgaacgac 240
 gcgagctggc acctggtgcg cagcgtacca cgcgtgatgg gctttatcgg cggcacatct 300
 gaccgtccgg cgccaatcag cgacaaaagaa gttgatgcga ttatgaaccg cctccagcag 360
 gtgggtgaca aaccgcgtcc gaaaacgctg tttgaaccgg gtgagatggt tcgtgttaac 420
 gacggtccgt ttgctgactt taatggcgtc gtcgaagaag tggactacga gaagtcgacg 480
 ctgaaagtgt ccgtttctat ctttggtcgt gcgaccccg tagagctgga ctttgctcag 540
 gtagaaaaag cctaa 555

<210> 360
 <211> 309
 <212> DNA
 <213> Enterobacter cloacae

<400> 360
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 atggttaacta ttcgttttagc acgtcacggc gctaaaaagc gtccgttcta ccagggtgtt 120
 gtgactgaca gccgtaatgc acgcaacggc cgcttcacgc agcgcggttg ttttttcaac 180
 ccactggccg ctggcgagc agaagaaacc cgtctggatc tggatcgtat cgctcactgg 240
 gttggccagg gcgttactgt ttccgatcgc gttgctacgc tgatcaaagc agcaaacaaa 300
 gcagcttaa 309

<210> 361
 <211> 555
 <212> DNA
 <213> Enterobacter cloacae

<400> 361
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 atgggttctt gctacgggat ccgtggttggt ctcagagtgt tttcctccac tgaagacgct 120
 gatagcattt ttgattacca gccctggttt atccagaaag ccggttaagt ggaagagggtc 180
 gagctggaaa gctggcgta ccacaatcag gacatcatca tcaagctgaa aggcattgac 240
 gatcgtgatg ccgcgaatgc gctgactaat tgtgagattg tcgtggattc gtcgcagttg 300
 ccgcagctgg aagagggtga ctactactgg aaagacctta tgggttgcca ggtagtgacc 360
 actgaaggct acagcctggg gaaagtcac gacatgatgg aaaccgggtc aaatgacggt 420
 ctgcgtatta aggcaaacc gaaagatgca tttggcatca aggagcgggt gggtccgttc 480
 ctcgatggac aggttatcaa gaaagtcgat ctactactc aaaccattga agtagattgg 540
 gatcctggtt tttaa 555

<210> 362
 <211> 441
 <212> DNA
 <213> Enterobacter cloacae

<400> 362
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 ctgcgccgtc gtaccgagct ggacgttgaa aaggcgca aatttgcgct ggagaaattc 120
 gtcaacgaac tgcttcgggt gatcgacagc ctggatcgcg cgctggaagt ggcggataaa 180
 gctaaccggg ataacgggc gatgattgaa ggcattgagc tgacgctgaa atccatgctg 240
 gatgtggtgc gtaagtgcg tgttgaaagt attgccgata cggatgtacc gctggatcca 300
 aacgttcacc aggccattgc gatggtggaa tccgaagacg ttgccgcggg taacgtgctg 360
 ggcgtgatgc agaaagggt taccctgaac ggtcgtacta ttcgcgctgc gatggtgacc 420
 gtggcgaaag cgaaagcgta a 441

<210> 363
 <211> 1389
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (301)

<220>
 <221> unsure
 <222> (314)

<400> 363
 cgtttctacc ccaggcgaga gacaatgttt gataatttaa ccgatcggtt gtcgcgcacg 60
 ctgcgcaaca tcagcgccg tggacgcctc accgaagaga acatcaagga aacgctgcgc 120

gaagtgcgca	tggcgctgct	ggaagcagac	gtcgcgttgc	cggtcgtgcg	tgactttatc	180
aaccgcgtga	aagagaaagc	ggttggccat	gaagtgaaca	agagcctgac	tccgggtcag	240
gagttcgtca	aaatcgtccg	gaacgagctg	ttttcggcga	tgggcgaaga	gaaccagggtg	300
nttaacctgg	cggntcagcc	gccagccgtc	gtgctgatgg	cgggtctgca	aggtgcgggt	360
aaaaccacca	gcgtcggtaa	gctggggaaa	ttcctgcgcg	aaaagcacia	gaaaaagggtg	420
ctggtggtgt	cggcggacgt	gtatcgcccc	gcggcgatca	aacagctgga	aacgctggcc	480
gagcagggtg	gcgtggactt	cttcccgtcc	gacgtggccc	agaagcctgt	cgacatcggt	540
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ggtcgactgc	acgttgacga	agcgatgatg	gacgaaatca	agcaggttca	tgccctctatc	660
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gcaaaaagcgt	ttaacgaagc	cctgccgtta	accggcgtgg	tgctgaccaa	agtcgacggc	780
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ctcggcgtgg	gcgagaaaac	cgaagcgctg	gagccgttcc	atccggatcg	tattgcctcc	900
cgatccctcg	gcatgggcca	cgtgctgtcg	ctgatcgaaag	atattgaaag	caagggttgac	960
cgcgcccagg	cggaaaaact	cgcagcaag	ctgaaaaaag	gtgacggttt	cgatctgacc	1020
gacttccttg	agcagctgcg	tcagatgaaa	aacatgggcg	gcatggcaag	cctgatgggc	1080
aaactgcctg	gcatgggcca	gatcccggac	aacgtcaaat	cccagatgga	tgacaaagtg	1140
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gtaaaccgcc	ttctgaaaca	gttcgacgac	atgcagcgca	tgatgaggaa	aatgaagaaa	1320
gccggcatgg	ccgaagatga	tgcgcggcat	gaaaagcatg	atgccgcccc	gttttccctg	1380
ggcgaataa						1389

<210> 364

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 364

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gcgattaccg	attacggggg	aactggccgg	gcagtaaaga	atggcctgct	gagcatccag	120
agctggagtc	ctcgtgactt	cacgcacgac	cgccaccgta	ccgtggacga	tcgtccttac	180
ggcggcggac	cggggatggt	gatgatgggt	caacccttac	gggacgccat	tcacacagca	240
aaagccgcgg	caggtgaagg	cgcgaagggt	atctatctgt	cacctcaggg	acgcaagctt	300
gatcaagcgg	gcgtgagcga	actggcgacg	aatcaaaaac	tgattctggt	ctgtggctgc	360
tacgaaggaa	tagatgagcg	cgtaattcaa	accgagattg	acgaagaatg	gtctatcggc	420
gattacgttc	tcagcgggtg	tgagttaccg	gcaatgacgc	tgattgactc	cgtcgcccgg	480
tttattccgg	gggttctggg	ccatgaagct	tcggcaacgg	aagattcctt	tgcccgatgg	540
gtgctggact	gtccacacta	tactcgtcct	gaagtgttag	aagggatgga	agtcgccgga	600
gtgttactgt	ctggaacca	tgccgatata	cgtcgtggcg	gtttgaagca	gtcgtcgggc	660
cgaacctggc	ttagaagacc	tgaacttctg	gaaaacctgg	ctctgactga	agagcaagca	720
aagttgctgg	ccgagttcaa	aactgaacac	gcgcaccagc	agcatgaaca	tgatgggaaa	780
gcgtaa						786

<210> 365

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 365

catgaaggcg	cctttgttgt	tatgcaacgg	ttggagcagg	cgtcacgtaa	cgttatactg	60
cttctctttc	ttattaagac	aactgtcgac	gcctatatgc	ctgttttcgc	actgatcgcc	120
cttggtgcct	actctgtcag	cctcgcgctg	atcattcctg	gcctgctgca	aaaaaacagc	180
ggctggcggc	gcatggctat	tctttcggca	gtgatcgcac	tgattagcca	cgcctttgcg	240
ctggaatcac	gcattatccc	cggcgacggc	agcgtgcaaa	atctgagcgt	actgaacgtc	300
ggctcgctgg	tcagcctgat	gatctgtacg	gtcatgacca	ttgtcgcgtc	taaaaaccgt	360
ggctggctgc	tgctgccgat	agtcctacgc	tttgcgctga	tcaatctggc	gttagccacg	420
ttcatgccca	atgagtttat	tactcacctg	gaagccacgc	cggggatgct	ggtgcatatc	480
ggcctgtcgc	tctttgccta	cgcgacgctg	atcatcgccg	ccctttacgc	catgcagctc	540
gcctggattg	actaccagct	gaaaaataaa	aagctggcgt	ttaaccacga	aatgccgcgc	600
ctgatgggtg	ttgagcgtaa	gatgtttccac	atcaccacag	tcggcgtggt	gctgctgacg	660

ctcacgctct	gcaccgggct	gttttacatg	aagaacctgt	tcagcgtgga	gaatatcgat	720
aaagcgggtgc	tctccatcat	cgcggtggtt	gtctatatgt	tcctgttatg	gggccattat	780
catgaaggct	ggcgcggtcg	ccgcgtggtc	tggttcaacg	ttgcgggtgc	gggcattctc	840
acgcttgcct	attttggtag	ccgcttcata	cagcaatttg	ctggctaa		888

<210> 366

<211> 1302

<212> DNA

<213> Enterobacter cloacae

<400> 366

caaaaggagt	tccccctgga	acacatctct	accaccacgc	tgatcgtcac	tctggtcac	60
atggtggtca	tctccgctta	tttctctggc	tctgaaaccg	gcatgatgac	gctgaaccgc	120
taccggttac	gtcatcgcg	caagcagggt	aaccgtgccg	cgcgctgtgt	cgaaaagctt	180
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atcgcgcg	tttaccgga	aaaagtcgcc	taccgagca	gcttcctgtt	agcaccgctg	420
cttattctga	tgatgccgct	ggtctggctg	ctgaatatgg	tgacacgggt	gctgatgcgc	480
atggtcggta	taaaggcaga	cgtcaccatc	agtagcgcg	tcagcaaaga	cgaactgcgt	540
accatcgtga	acgaatccc	ctcgcatc	tcccgcgcga	atcaggacat	gctcctgtcg	600
gtgctggatc	tggaaaagg	cagcgttgac	gacatcatgg	tgccgcgcaa	tgaaatcgtc	660
gggattgata	tcaacgacga	ctggaaggcc	attgtccgcc	agctgacgca	ctccccgcac	720
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cagcgaaaaca	agaagaaagt	cggcctgggtg	gtggatgaat	acggcgacat	acaggggctg	960
gtgacggctg	aagatattct	ggaagagatt	gtcggggact	ttaccacctc	gatgtcgcct	1020
tcccttgccg	aagaagtcac	cccgcataac	gacgggtcag	tgcttatcga	cggcagcgct	1080
aacattcggt	aaatcaataa	agcggttcaac	tggcatttgc	cggaagacga	agcgcgagcg	1140
atgaacggaa	tgatcctgga	agcgctggaa	gagatcccg	cgacaggcac	gcgcgtgcgt	1200
attgagcagt	atgatattga	tattctggac	gttcaggaca	acatgattaa	gcagggttaag	1260
gtcctgcccg	ttaaaccctt	acgcgaaagt	atcgccgagt	aa		1302

<210> 367

<211> 1095

<212> DNA

<213> Enterobacter cloacae

<400> 367

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caccacatgg	ctgtagcgaa	aaagatcacc	atcaacgatg	tcgcgctggc	ggcgggggtt	120
tccgtcagca	ccgtttcgct	ggtattaagc	gggaaggggc	gcatctctcc	tgcaacgggt	180
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ctgcgcggtg	ggcaaagcgg	ggtgatagg	ctgatcgctc	gcgatctcgc	gtcgccggtt	300
tatgcagaac	tgaccgccgg	gctgaccgag	gcgcttgaag	cgcagggg	aatggttttc	360
ctgctccacg	gtgggcgcga	accggagcaa	ctgctctcca	ggctagattt	gctgctgacg	420
caaggggtgg	atggggtgat	cgtggccggc	gcgtccggcg	tgggcagtg	attgtgtgag	480
cgcgcgcgaa	agaaaaggcgt	accgctgggtg	tttgcgtcgc	gcgccagcta	tctcgacgaa	540
gccgataccc	ttcgccgaga	taacatgcag	gccgcgcaaa	tgctgaccga	gcatcttatt	600
catcgcggcc	atcagcgcat	cgcttggtc	ggcggtaaaa	gctcgctcct	gacgcgtgcc	660
gagcggggtg	gcggttactg	ctccacgctc	atcaaatatg	gcctgccgtt	tcacagcgaa	720
tggttggtgg	agtgtgaatc	cagccagaaa	aaagccgcgg	aagccatcgg	cacgctgctt	780
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tggttcggtt	tgatccgcgc	cggacgccag	agcggtgagg	gcggggtaga	aacgtttctc	900
ggccatcagg	tggcgctggg	ggcggttgca	gatgtcggtg	aaaatgcgtt	agacgatctc	960
cccacgtct	gggcgacgac	gccggctcgt	gaaatggggt	acaccctggc	agaacgaatt	1020
atgcagcgca	ttgaaaatac	tgacgtgcag	gccgggcatc	aaattgtggc	tgcgcgctta	1080
ttgaccgtga	aataa					1095

<210> 368

<211> 693
 <212> DNA
 <213> Enterobacter cloacae

<400> 368
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 ctgtgggagt ttttccagca actgggtaaa acctttatgc tgcccgtggc gcttctctct 120
 ttttgcgga ttatgctggg gatcggcagc tcgttaagca gtcacgacgt cattaccctg 180
 atccctttcc tgggaaatcc ggtacttcag gcgatcttca tctggatgag caaggtcggg 240
 tcgtttgcct ttagcttcct gccggtaatg ttctgtatcg ccattcctct gggctctggcg 300
 cgcgaaaaca aaggcgtggc ggcgtttgcg ggcttcgttg gctatgcggc catgaacctt 360
 gcggttaact tctggctgac cgccaaaggg atcctgccga cgaccgacgc ggcggtagtg 420
 aaagccaata acattcagag cgtgattggg atcagtcga tcgataccgg gatccttgga 480
 gccgtgatcg cgggggtgat tatctggatg ctgcacgagc gcttccacaa catccgcctg 540
 cccgatgcgc tggccttctt cggcgggacc cgctttgtgc caatcattac gctggttgtg 600
 atgggtctgt ttggtctgat catccctctg atttgccga tttttgccat gggggatcac 660
 cgggattggc cgcattatca acggcgcggg tga 693

<210> 369
 <211> 603
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (493)

<400> 369
 ggggggtttta ctttacggag caccgtcatg tttgattttt caaccgtcgt ggatcgacac 60
 ggcacctggt gtaccagtg ggattatgtc gctgaccgtt ttggcgctgc cgacctgctg 120
 cccttcacca tctctgatat ggatttcgcc accgccccct gcattaccga tgcgctgcac 180
 cagcgaataa accacggggt gtttggttac agtcgctgga aaaatgacga atttctggcc 240
 gccgtggcgc actggttcgc gcaacgcttt aacagtcaga ttgataccga aaccgtggtg 300
 tatgggcccgt cggctcattta tatggtctcg gagctgatcc gcctctgggc ctgcctggc 360
 gacggcgtgg tggctccatac tccggcttac gatgcctttt ataaagccat cgaaggcaac 420
 cagcgtaccg ttgtttccgt gccgatgcaa aaaacagcgc atggctggga aggggatatg 480
 gcctcgctgg aancggcgt atcaaaaccg gaaaacaagg tggtgctgct gtgttacccc 540
 caaaaccgca ccggaataat ctggactcgg gaggcgctga acacaatggg gggccctggt 600
 tga 603

<210> 370
 <211> 993
 <212> DNA
 <213> Enterobacter cloacae

<400> 370
 tttggccgat ttttgccatg ggggatcacc gggattggcc gcattatcaa cggcgcgggt 60
 gatttcggcc cgatgatttt cggtacgggt gaacgtctgc tgctaccgtt tgggttacag 120
 cacatcctgg ttgccctgat ccgctttacg gaagcaggcg gcaccatgga cgtttgctgt 180
 cattccgtta gcggcgcgct gaccatcttc caggcccagc tgagctgccc gaccactcac 240
 ggcttctctg aaagtgcgac gcgtttcctt tctcagggtg aaatgcctgc ctctctcggc 300
 ggcctgccgg gtgctgcgct ggcgatgtac cactgtgccc gtccggaaaa tcgtcataaa 360
 attaaaggtc tgctgatctc cggcgattat gcctgcgtgg tggcggttac gacagaacct 420
 atcgagttcc tgttcctggt cgtggcaccg gtactgtacc tcatccacgc cgtactgacg 480
 ggcctgggct ttaccgtgat ggctgtgctc ggtgtgacca tcggtaacac cgacggtaac 540
 gtgattgact tcgtggtatt cggtatcctg cacggcctgt ccaccaagtg gtatctggtg 600
 ccggttctgg ccgccatctg gttcgcgggt tactacggga tcttcgctt cgccatcacc 660
 cgcttcaacc tgaaaacgcc ttggccgcat accgatcgg ccaccagcgt tgaacaggcg 720
 gtggccggtg ccggtgggaa atccggatat aacacgcccg ctattctggc ggcgctgggc 780
 ggtgcggata atattacctc tctggataac tgcatcacc gcctgcgttt gtcggtggcg 840
 gacatgtcca aagtggatac caacgcactt aaagctaacc gggctattgg cgtagtagac 900

ttaaatcagc	acaatttgca	ggtcgtcatt	ggccccgagg	tacagtcagt	gaaggatgag	960
ctggcaaccc	tgatgcgaac	cgtcgaagcc	tga			993

<210> 371

<211> 1035

<212> DNA

<213> Enterobacter cloacae

<400> 371

ctgtcagcca	ggggaggaac	catgacacag	ccattggccg	gaaaacatat	tttgatagta	60
gaagacgagc	ccgttttccg	atcgctactg	gattcgtggg	tatcctcact	gggtgcaacc	120
acgtcccttg	ccgaagatgg	cgtcgaggca	ctggaaaaaa	tggccagcat	ggcgccggat	180
ctgatgatct	gcgatctcga	gatgccgcgc	atggacggat	taatgctggg	agaaaacctg	240
cgtaatgaag	gttatcagac	accgatactg	gtgatctcgg	ccaccgaaaa	tatggcggat	300
attgctaagg	cgttgcgttt	aggtgtgcag	gatattctgc	tcaaaccggg	taaagatttg	360
aaccgtctgc	gtgaaacggg	gttggcctgc	ctgtatccca	atatgtttta	ttcccgggtg	420
gaagaagaag	aacgtctttt	ccaggactgg	gatgcttttag	tcagtaatcc	tctcgcggcc	480
gcgaagctgc	ttcaggaact	tcagccgcgc	gtgcagcaaa	atatctctca	ttgcagagta	540
aattatcgcc	agctggtagc	ggctgaccag	cctggactgg	tgctggatat	tgcgccgctc	600
tcggattccg	acctcgcttt	ttattgcctg	gatgttaccc	gagcggggaga	taacggcggt	660
ctggcggcct	tattactccg	ggcgctgttt	aatggattgc	tacaggaaca	attatcccct	720
caggggcaac	gacttccctga	gctaggcagt	ttactaaaac	aggtcaacca	actttttcgc	780
caggccaatt	taccggggca	gttcccgcct	ctggttggtg	attatcacag	cgggttgaat	840
aaccttattc	tgggtgtctgc	gggattaaat	gccacactga	atactggcga	acaccatatt	900
caggtgagta	acggcggtgc	gttgggtacg	ctgggaaata	cttaccttaa	tcaaatttagc	960
catcgctgca	cctcctggca	gtgccaaatt	tggggtgccg	gagggcggtt	acgcttaatg	1020
ttgtccacgg	agtaa					1035

<210> 372

<211> 954

<212> DNA

<213> Enterobacter cloacae

<400> 372

gcaggtgcgt	tgacgctatg	tcgggaatcc	aggggaagta	aaacagggct	aatgagaaaag	60
gtaaaaattg	gactggcggt	gggctcaggt	gctgcccggg	gttgggtcaca	tattggcggt	120
atcaatacct	taaaccagat	ggggattgac	gttgatattg	ttgcaggatg	ttctatcggg	180
tcgctggtcg	gatctgcgta	cgccgtcggt	aagctcccgg	agcttgaaaag	ctgggtgcgc	240
tccttcagtt	actgggatgt	gctgcgcctg	atggatctct	cctggcagcg	tggcggcctg	300
ctgcgcggcg	aacgcgtggt	caatcagttt	cgcaagataa	tgccctcgc	tgacttcagc	360
cactgccaaa	tgcctttcgg	ggccgttgca	accaacctca	gtacgggcag	ggagttatgg	420
ctcaccgaag	gggatattca	tctcgccgtt	cgtgcacctc	gtagtatgcc	tgggttaatg	480
gcgcctgtgc	ctcacaacgg	ctactggctc	gttgacgggtg	gcgtagtga	tctgtccct	540
gtctctctga	cgcgcgccat	ggggcgggat	atcggtattg	ccgtggattt	acagcacgat	600
gtcacctca	tgcagcaaga	tttgatgccg	gttaatcttc	agagcgatga	tgcggaagaa	660
gagaaaacttg	cctggcatgc	tcgattacgc	ggcagaatag	ggcgccctggc	tgcccgctgc	720
gcggtgaccg	caccgaacgc	cattgaaatc	atgacgacct	ctattcaaat	tcttgagaat	780
cgctcaagc	gaaaccgtat	ggctggcgat	cctccggata	ttcttattca	accctattgt	840
ccacaaatct	ctacccttga	tttccaccgg	gctgaggccg	ccatagcagc	gggctcgtaa	900
gccgtcgaaa	agaaaataga	tgaactgttg	ccttttgtgc	gtacagcacg	ttga	954

<210> 373

<211> 840

<212> DNA

<213> Enterobacter cloacae

<400> 373

tggtgtccac	ggagtaagca	gtcagatttt	atttttcaga	ttgctttacc	tgtgtttttg	60
ctggcagtg	tactatcgct	gcaagtttca	tgcgtatttg	tattaattga	tcggcaacgc	120
gttcttttca	gacccgtatt	agtggctgag	actgtatact	caacgcgtta	ttcaatgcat	180
aaaagtcaaa	aacttgaaca	gttcaggaga	atttcaatgg	ctgcccttaa	ttcgaaagtc	240

agaaaggccg	ttatcccggg	ggcgggattg	ggtaccagga	tgttgccagc	gacgaaggca	300
atcccaaaag	agatgctgcc	tctggttgat	aagccattaa	tccagtatgt	cgtgaatgaa	360
tgtattgcag	caggtatcac	cgaaattgtg	ctggtgacgc	attcatctaa	aaactctatc	420
gaaaaccatt	tcgataccag	tttcgaactc	gaagcaatgc	tggaaaaacg	cgttaagcgc	480
cagctgctgg	aggaagtgca	gtctatttgt	cctccacacg	ttaccattat	gcaggttcgt	540
cagggcctgg	cgaagggcct	ggggcatgca	gtattgtgcg	cacatcctgt	agtgggtgat	600
gagccggtcg	cggttattct	gcctgatgtg	atccttgatg	agtacgagtc	cgatctttcc	660
caggaaaacc	tggcggaaat	gattaaacgc	ttcgacgaaa	ccggcagcag	ccagattatg	720
gttgagccag	tcgacgacgt	gaccgcttac	ggcgtgggtg	actgcaaagg	cgttgacctg	780
caacctggcg	aaagcgtacc	gatcgttgtc	ttcaccacgg	gagctgacgg	agccggataa	840

<210> 374

<211> 891

<212> DNA

<213> Enterobacter cloacae

<400> 374

tgcctgacaa	ctcagacttc	gcaaatacat	aaacaggatt	tcccggcgat	gcaatcatta	60
caacgtaaag	ttctgcgcac	tatctgtccc	gatcaaaaag	ggctgatcgc	acgaattacc	120
aacatttgct	acaagcatga	actgaatatc	gtgcagaaca	acgagttcgt	tgaccaccgt	180
accggtcgct	tctttatgcg	taccgaactg	gaaggcattt	tcaacgacac	aaccctgctt	240
gccgatctgg	acagcgccct	gccggaaggc	tcggtgcgcg	agctgaacct	ggcgggcccgt	300
cgcggtattg	tcattctggg	caccaaagag	gcgcactgcc	tgggcgatct	gctgatgaaa	360
gccaaactacg	gtggcttgga	cgctcgaaatt	gccgccgtca	ttggcaacca	cgagacgctg	420
cgtacgctgg	tagaacgttt	cgacattccg	tttgagctgg	tcagtcacga	aggccatacc	480
cgtgaagagc	acgacaacct	gatggctgct	gcgattgaag	cgcataacct	ggactacgtg	540
gtgctggcga	aatatatgcg	cgtgctgacg	ccatccttcg	tggcgcgctt	cccgaacaag	600
attatcaaca	tccaccaactc	cttcctgcca	gcctttattg	gcgcgcgctc	gtatcaccag	660
gcatacgagc	gtggggtgaa	aatcattggc	gcaaccgcgc	actacgtgaa	tgataatctg	720
gatgaaggcc	caatcatcat	gcaggacgtg	attcacgtgg	atcacaccta	cacggcagaa	780
gatatgatgc	gtgccggccg	tgacgttgag	aagaacgtac	taagccgtgc	gctgtatcag	840
gtacttgccc	agcgcgtctt	tgtgtacggc	aacagaacga	ttattcttta	a	891

<210> 375

<211> 495

<212> DNA

<213> Enterobacter cloacae

<400> 375

cgccttattt	tttgttccag	gaagagaatc	gtgtctcaac	tctgcccctg	tggtagcgct	60
ctggagtata	gcctatgttg	ccagcgatat	ctttctggca	agcaggttgc	accagacccg	120
tcacacctta	tgcgctcgcg	gtatactgct	tttgtgatca	aaaacgcaga	ctacctgatt	180
aagacctggc	atccgtcctg	ccatgctgcc	gattttcgcc	aagagattga	agccggattt	240
gccaaacaccg	tctggcaggg	cctcaccgtc	tttgaagccg	ctcccggccg	cgatgccaac	300
gagggctatg	tcagttttgt	cgcccgcctt	agcgaacaaa	acaaacccgg	cgccatcatt	360
gaacgctcac	ggttcttaaa	ggacagcggg	caatggtatt	atattgacgg	cacacgtccg	420
caattcggtc	gtaacgatcc	ctgcccctgt	ggttcaggaa	aaaaatttaa	aaagtgttgc	480
ggcagtaatg	cctga					495

<210> 376

<211> 222

<212> DNA

<213> Enterobacter cloacae

<400> 376

ggctacacac	gtgctacaat	ggcgcataca	aagagaagcg	acctcgcgag	agcaagcgga	60
cctcataaag	tgcgtcgtag	tccggattgg	agtctgcaac	tcgactccat	gaagtcggaa	120
tcgctagtaa	tcgtggatca	gaatgccacg	gtgaatacgt	tcccgggcct	tgtacacacc	180
gcccgtcaca	ccatgggagt	gggttgcaaa	agaagtaggt	ag		222

<210> 377

<211> 189
 <212> DNA
 <213> Enterobacter cloacae

<400> 377
 gagtctggac cgtgtctcag ttccagtgtg gctggtcatc ctctcagacc agctagggat 60
 cgctcgctag gtgagccgtt accccaccta ctagctaate ccatctgggc acatccgatg 120
 gcaagaggcc cgaaggtccc cctcttttgt cttgcgacgt tatgcggtat tagctaccgt 180
 ttccagttag 189

<210> 378
 <211> 645
 <212> DNA
 <213> Enterobacter cloacae

<400> 378
 gtttctcaac aggtatccac cgtgctcaat aaactctctc gtctgctgga acaggcaggat 60
 atttcgctca ccgatcacca gaaaaatcag ctggtggcct atgtcgatat gctgaacaaa 120
 tggaaataaag cgtacaacct cacctccgta cgcgatccca acgagatgct gattcgccat 180
 attctcgata gcatcgctgt ggcgccgtat ctgaacgggt aacgttttat cgatgtgggc 240
 accggtccgg gcttgccggg cgttccgttg tctattgttc gaccggagag tcatttcacg 300
 ctgctggaca gcctgggcaa gcgcgtacgc tttttacgcc aggttcagca tgagctgaag 360
 ctggaaaaaca ttacgcccgt acagagcagg gtagaggagt tcccggcaga gccaccgttt 420
 gacggtgtta tcagccgcgc gtttgctca ctcaatgaca tggtagagctg gtgcaaacac 480
 ctgccagcgg agaaggggcg tttttatgcg ctgaaagggc aacttccggg ggacgaaatc 540
 gagcagcttc cggacggttt tgctgtcgaa tccattgaga aactccagat cctcagctc 600
 gaaggtgagc gtcattctggt gataattaag ccaaacactt tttaa 645

<210> 379
 <211> 411
 <212> DNA
 <213> Enterobacter cloacae

<400> 379
 caaagggtaa aaggcatcat ggcttcagaa aatatgacgc cgcaggatta catagggtcac 60
 catctgaata accttcagct ggacctgcgt acattctcgc tggtaggatcc acataacccc 120
 ccggccacct tctggacgat caacatcgac tccatgttct tctcgggtgt tttgggtctt 180
 ctggttcctgg ccatgttccg tagcgttgct aaaaaggcga ccagcgggtgt tccagggaaa 240
 ttccagacgt tcatcgagat gatcatcggc ttcgtccatg gcagcgtgaa agaactttac 300
 catggttaaga gcaaactgat tgctccgctg gccctgaacg tgttcgtttg ggtcttcctg 360
 atgaccctga tggacctcct gcctatccat ttcttacctt gggatcgggtg a 411

<210> 380
 <211> 1947
 <212> DNA
 <213> Enterobacter cloacae

<400> 380
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 ttttatcagg atccttttga cgtcatcatc attggcgggg gtcacgcagg cactgaggcc 120
 gcaatggccg cagcgcgaat gggtcagcag accctgcttt tgacacacaa tatcgacacg 180
 ctgggacaaa tgtcctgtaa tccggcgatt ggcggcattg ggaaaggaca cctggtaaaa 240
 gaagtggatg cacttggcgg cctgatggcg aaagcgatcg atcatgcggg tattcagttt 300
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 gtgctttacc gtcaggctgt gcgcaccgcg ctggaaaacc aaccgaacct gatgatcttc 420
 cagcaggcgg tagaagatct tatcgtggag aacgatcgtg ttgttggcgc cgtgacccaa 480
 atgggtctca aattccgcgc aaaagcgggt gtgctgacgg tcgggacatt cctggacggt 540
 aaaatccata ttggtctgga caattacagc ggtggtcgtg ctggcgatcc gccgtcaatt 600
 ccgttatctc gtcgtctgcg tgagctgccg ctgcgcgtaa gccgcctgaa aaccggcacg 660
 ccgccgcgta ttgatgcgcg caccattgat ttcagcgtgc tggcacagca gcacggcgat 720
 aacccgatgc cgggtgttctc gttcatgggc aatgcggcgc aacatccgca gcaggtgccg 780

tgctacatca	cgcacaccaa	tgaaaaaacc	catgacgtga	tccgcaataa	tctcgatcgc	840
agcccaatgt	atgctgggtgt	gatcgaagg	atcgggtccgc	gttattgccc	gtcgatcgaa	900
gacaaagtga	tgcgctttgc	cgatcgtaat	cagcaccaga	tcttcctcga	accggaagg	960
ctgacctcta	acgaaattta	cccgaacggc	atctccacca	gcctgccgtt	cgacgtgcag	1020
atgcagattg	tgcgttcaat	gcagggcattg	gaaaacgcga	agatcgttcg	tcctggctac	1080
gctattgagt	acgatttctt	cgatccgcgt	gacctgaagc	cgacgctgga	aagcaaattc	1140
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gcaccggcgc	gttctcaggc	ttacctgggc	gttctggtcg	acgatctctg	cacgctgggg	1320
accaaagaac	cgtaccgcat	gtttacttct	cgtgcggaat	atcgctgat	gctgcgcgaa	1380
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ctttccaacg	aagtgatcgc	taagctgaac	gatcacaac	ctgtgtcgat	tggccaggcc	1860
tcacgtatct	ctggcgtcac	acctgccgcg	atttcgattc	tgctgggtgtg	gctgaaaaag	1920
cagggcattgc	tgcgccgtag	cgcgtaa				1947

<210> 381

<211> 456

<212> DNA

<213> Enterobacter cloacae

<400> 381

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aggagtaaaa	acgtgatgtc	tgtgtcgctc	ttgagtagaa	acgttgctcg	taagcttctg	120
ttcattcagt	ttctggctgt	gatagcaagt	ggactgtgtg	ttagcctcaa	agacccttc	180
tggggcatct	ccgcgcgtg	cggaggtttg	gcggtggttc	tgccaaacgt	gttggtttatg	240
atttttgctt	ggcgatcatc	ggcgcataca	cctgccaaag	gccgcgtggc	ctggctcctt	300
gctctcggcg	aagtgtgtaa	ggtgttgctg	acctttgctc	tactggtgat	ggcgctggcg	360
gttttgaaag	tggatttcac	gccgctgata	gcaacgtggg	ttttggtgct	ggtggtacaa	420
gttctggttc	cagctgtaat	caataacaaa	gggttaa			456

<210> 382

<211> 768

<212> DNA

<213> Enterobacter cloacae

<400> 382

cgtataccat	ttcctacctg	taataatgat	tattcaggct	ctgttttcgc	agagcctgta	60
tttaagggtg	caatcatgct	caacgcaatt	ttgctggcag	gcttactgct	aagcaccggt	120
cactcatggg	ccaatattgt	cattaatggc	accggtgtcc	tttatcctga	aaataacaaa	180
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ccagtataaa	aggttaacga	acataatggc	caacagcttc	gtattaaaaa	gctgccgtcc	360
agcttgccct	cggatcgcg	atccgtcttt	ttcctgaatg	ttctcgacat	tccgcccgag	420
cctgaaaatc	tgcaaaacca	gaataccgtt	cagctggcga	ttaaatcccg	tatcaaaactt	480
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gccgccgaag	gcgatcgctt	tcgcattacg	aataacagtc	cgttccatat	tacggtcgcc	600
aatatttcgc	tgggtaaaac	gaaattgctc	caggagtccc	ctatggtttc	cccgtttggg	660
caactgacgg	tcgccgcaaa	aaatacgggt	aagcgcgagc	agaccttcca	gctgatgtat	720
gtggacgatc	ttggcgcgta	taaaaccccg	actttcacca	gtcagtga		768

<210> 383

<211> 2508

<212> DNA

<213> Enterobacter cloacae

<400> 383

tgcgaaagac	tcaccatgaa	aatgaaacaa	aacagactct	gtctgctggc	agtctgcacg	60
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tccggtgagt	ccgatctgtc	tcgcttttcc	gaaaacaacg	ccatgcctgc	cggcagtcag	180
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<210> 384

<211> 1080

<212> DNA

<213> *Enterobacter cloacae*

<400> 384

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<210> 385

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 385

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gagctgcatt	acgggctgtt	aaaaaaagtt	ctggagatga	aatttgaatt	aaccatcagt	180
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tccatcctct	cggccagaga	gtgggaggtg	cttcattctta	ttgtggaagg	attttcaacg	360
acggagattg	cccgtcatcg	aaaccgttcg	gtcagtacca	ttgcgacgca	gaagcataat	420
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<210> 386

<211> 1545

<212> DNA

<213> Enterobacter cloacae

<400> 386

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<210> 387

<211> 603

<212> DNA

<213> Enterobacter cloacae

<400> 387

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caggcgggct	tcgagaagat	caacgaagaa	gcgcgtcgta	ccggcgggga	aagtgtttgc	600
taa						603

<210> 388

<211> 951

<212> DNA

<213> Enterobacter cloacae

<400> 388

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<210> 389

<211> 1020

<212> DNA

<213> Enterobacter cloacae

<400> 389

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<210> 390
 <211> 1587
 <212> DNA
 <213> Enterobacter cloacae

<400> 390
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<210> 391
 <211> 1881
 <212> DNA
 <213> Enterobacter cloacae

<400> 391
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<210> 392

<211> 834

<212> DNA

<213> Enterobacter cloacae

<400> 392

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ccgctgcacg	agcgctattg	caggatgcta	tgggattatg	tccgtttcga	ttttggcgac	360
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acgctcggac	tgtgggggac	gctgattatt	tatctggtct	ccattccgct	ggggataagg	480
aaagcggctc	acaacggtag	ccgttttcgat	atctggagca	gtacgtttat	tatcatcggc	540
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tatttcgacc	tcttcccgtc	gcgcgggctg	gtctccgcgg	atttcagcac	gctgccgtgg	660
tatcagaaaa	tcaccgatta	cttctggcac	atcacgctgc	cggtgctggc	gacggtcata	720
ggcggttttg	cggcgcttac	gatgctgacc	aaaaacgcct	ttcttgatga	gatccgcaaa	780
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<210> 393

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 393

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ggcgatttag	tctgtttcag	agcaggttca	accggtcgac	acgttgcat	ctatatcggt	180
aacgatcagt	ttgtccatgc	ttccaccagc	agcgggtgta	cgatttccag	catgaacgaa	240
ccttactgga	agaaacgcta	caacgaagct	cgccgcgttc	tgagccgtag	ttaa	294

<210> 394

<211> 1512

<212> DNA

<213> Enterobacter cloacae

<400> 394

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gtggcttatg	gggttttctc	tgcactgttt	tacgctttcg	gagttcatgc	tgacgatgac	180
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<210> 395

<211> 600

<212> DNA

<213> Enterobacter cloacae

<400> 395

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aaatatacgc	tttgcaaaat	acgctcagat	gaaataggcg	catggatgca	tacagcagat	180
aataatatga	tgattatggc	tggtcgggat	atggagtctc	tggtcagggt	tttttgccctg	240
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gcgcagaaaa	taaacaggca	acatgaagta	aagaaaaacc	tgattcgaac	aagaacacat	360
ctgaaacttt	caaagcagga	gttaaactgt	ctttcgtggt	ttatgcatgg	gctatctcct	420
tatagtatgt	ccagatatga	tggctgttca	gttaaaacaa	tcagcacctt	taagtagcgc	480
ctgatggata	agctttatat	caaactcggac	gctgaactat	ttaggggttg	ctggacttat	540
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<210> 396

<211> 1209

<212> DNA

<213> Enterobacter cloacae

<400> 396

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atggatgcc	ccctgttaca	tcagcagcgg	cctgatgaga	cagcagacgg	tcacaccggc	180
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acagatgcc	acaaaaatat	cgtgggttac	gtgggacagg	ggagcgcct	gtatgccggt	1080
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tgtaattaa						1209

<210> 397
 <211> 1161
 <212> DNA
 <213> Enterobacter cloacae

<400> 397
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 tgcgatgaga gtagatcatg gtactatgtc atgtctctga caaacacgcc catgccgctt 300
 tcctcctgga ccgggaccat tatttctcat gagagttggg ttgctgaata ttcttgggac 360
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 cgcagaccgg caccaggtat tgttgggtaca aactgcttcg caagtaaaag ctgcacggat 480
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 agtaatgtca gtggcgatat gtagtgatggg aattactggt cagataatgg aagttcattc 840
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 aatgctttta ccggcacctt taattcggac ggtagtagca gcgttacgat tcctctctcg 1080
 gcaaggtata ttcagacgga agacagcgtg acggcgggca tggcgaacgg caagctagtt 1140
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<210> 398
 <211> 1214
 <212> DNA
 <213> Enterobacter cloacae

<400> 398
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 gttgtaatgc cagttggtgc tgacggattt cagaatggag ctgcaaaagc cattattccg 180
 ggtcaagctg gttctgaaca gtcagggtga caaacaaccc ttagtgaagc cggtaatgcg 240
 cagggacaaa aacctacaac tgatctccct accgtgcaac tttcccagc cagcaatgct 300
 tcgcctgcgg taagcgctat tactggagca ttatcaaata atcctagtct ccccggtatt 360
 gacgcacaga cccgatctgg tgcaattgat agctatggga gaccaacagg tacctcttcc 420
 cagcagaatg caaccaatgc gaccgccacg tcaaaagccg atgaacttta tgtcgaagct 480
 cgtaaccgat ataaagaagt tcagcgtgta aatgtgccgc ctggtgggaa tgtggtactg 540
 ccagtttcac gaggacttca aaacagaata tcgaccagct tcaagaatgc ttctgtcagt 600
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<210> 399
 <211> 903
 <212> DNA
 <213> Enterobacter cloacae

<400> 399

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gttcagcccg	tggccctgct	gagattgagt	gtatttacct	ctgtcggcac	aaaagaaaac	180
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cggttgaggg	aaaggttgct	tcttacaacc	cctattcgta	cgcaaaacca	gataattcgt	780
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cgcgacatac	aatttcagat	cttcaaaaaga	agccctaagc	tggcccttgc	caaacaaggt	900
tga						903

<210> 400

<211> 789

<212> DNA

<213> Enterobacter cloacae

<400> 400

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attaaaaaac	gatttagccc	acaagctgaa	gcgtcaggtg	ctggaattac	atacagcgcc	180
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gctctctttt	ttagtaccct	tttagggaat	attaatccaa	ctaataattc	ctttgtgacg	420
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gagcagataa	atatcatgca	ggctcgtggt	gttgagcaga	cctttaagcc	taatgatatt	540
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attacgataa	acggcaaaga	gcaactggca	acgctggata	atccgccacc	gtctacaggt	780
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<210> 401

<211> 642

<212> DNA

<213> Enterobacter cloacae

<400> 401

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cactttacgg	cctatgcgcc	gcagacgatc	ccttacgcca	ttgagcgata	tcaggtcgaa	420
accagcgcc	tgtacggggg	actgaaccgt	cggctggaaa	aatcaccgtg	gctgggaggt	480
gagcattaca	gcatcgcaga	tatcgctgc	tggccgtgga	tcaacacca	tgaacgccac	540
cggatcgacc	tggccactta	tccggcggtg	aacaactggt	ttgagcgcat	ccggaccgcc	600
ccggccaccg	aacgcgccat	gcaaaaaaatc	catcagattt	ga		642

<210> 402

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 402

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cgagagaagac	ctgtaatgtc	ccagcatgac	gctattattc	gtataaaaaa	cttacgctta	120
cgcactttca	ttggtatcaa	agaggaggag	atcgcgaaac	gccaggatat	cggtgtgaat	180
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gctgaagtgg	agatcgataa	acttcacgcc	ctgcgctacg	ccgactccgt	ctccatgacg	420
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<210> 403

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 403

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aaagcgggtt	ttgtgcgcac	gcaggtgctg	gagaaggcgt	acgagattaa	cggcgtacgg	480
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<210> 404

<211> 927

<212> DNA

<213> Enterobacter cloacae

<400> 404

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gtcacgcgca	gcccggagaa	agcgcgccag	gtgctgggca	ccggcggttg	gatctggaaa	180
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cgcgcgctgc	caaaacggct	ggaagcggcc	gggtttacgt	tccgctggta	tgacctggaa	900
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<210> 405

<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 405

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aagcctcagt	ggcagggtta	cgcgctcact	cgccgagtcg	ctgtgctgga	gatcgacggt	180
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<210> 406

<211> 720

<212> DNA

<213> Enterobacter cloacae

<400> 406

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<210> 407

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1008)

<400> 407

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<210> 408

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 408

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acctttgtcc	cgctcagca	gtgggaagat	aaatatcgtc	agctgaccc	gctgggcaaa	180
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gccgcagagc	tgctggcgca	ttctccgctg	gcgctgtttg	atgagctggg	acttcgcacg	420
cagcttagcg	cctcgcgcgg	tcagggactg	attgcgctaa	acgacgcggg	gctggatgcc	480
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<210> 409

<211> 210

<212> DNA

<213> Enterobacter cloacae

<400> 409

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cgcgccctgt	ttgcaccgta	caatacaaaa	agtgcgctcg	atgcgctggg	ttccgccgtc	180
gaccgcgccc	tggaattact	ggtggattaa				210

<210> 410

<211> 1134

<212> DNA

<213> Enterobacter cloacae

<400> 410

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gccgtgggtg	ctccaatcaa	tgcgggggat	ttctccgagc	aggtgtacca	gatccgcaaa	240
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ggggcggata	actacggtaa	cgtccagttt	accggttact	acaccccggt	tgtccaggcg	420
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atttatcagg	gcacgcggcc	ggatgccggc	catcgtgcag	gctggtataa	ccactacgga	1080
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<210> 411

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 411

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<210> 412

<211> 207

<212> DNA

<213> Enterobacter cloacae

<400> 412

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atcgtctctg	aagggaacc	gacaaccgat	aatgataccg	ggatgatttg	tcttcacaca	180
cgccgctgga	agatccgata	ttgcgtt				207

<210> 413

<211> 462

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (278)

<220>

<221> unsure

<222> (403)

<220>

<221> unsure

<222> (424)

<400> 413

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aacgaaatta	agaaaggat	ggtactgaat	tacaacggca	aactgctgat	tgtgaaagat	180
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atggataaag	aaaattaccc	ccgtatatct	tcaccaaaaga	tcngatcgaa	gaagagctgc	420
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<210> 414

<211> 1272

<212> DNA

<213> Enterobacter cloacae

<400> 414

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aagccctttg	atttgacgtc	aacggcgttt	ttgatcgttg	ctttcctcac	cggatttgcc	180
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<210> 415

<211> 996

<212> DNA

<213> *Enterobacter cloacae*

<400> 415

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<210> 416

<211> 1167

<212> DNA

<213> *Enterobacter cloacae*

<400> 416

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<210> 417
 <211> 1755
 <212> DNA
 <213> Enterobacter cloacae

<400> 417
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<210> 418
 <211> 2496
 <212> DNA
 <213> Enterobacter cloacae

<400> 418
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<210> 419

<211> 258

<212> DNA

<213> Enterobacter cloacae

<400> 419

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ggccatgctg	cgggtagccg	tgctaaccgt	ggcggtgccc	caagcgcttc	tggcaaaaag	180
caaccggcag	aaaagatcct	cgtatcggca	attaaaactc	ccattcaact	ggggcggtgaa	240
agacacccgg	gtcactaa					258

<210> 420

<211> 471

<212> DNA

<213> Enterobacter cloacae

<400> 420

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tatcatgcgt	ttcctcctct	gaccaacagc	gcaggggaac	ctaccggcgc	aatgtacggc	180
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ccccctatgc	ctgacgatct	gcgtgcgcag	attgaaccgc	tgcacgctat	gggtgaaagcg	360
atggggctgc	cactgctggc	ggctctctgg	gttgaaagctg	acgacgttat	tggtagccctg	420
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<210> 421

<211> 663

<212> DNA

<213> Enterobacter cloacae

<400> 421

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aacggtgatg	tacaggttga	accgttctcc	tcgctgaaaa	agcagggcgt	ggataaactg	600
cgtcagaagc	tcgacagctg	gtttaacgat	ctggaaccgg	cgacagaagc	ggaagcagag	660
taa						663

<210> 422

<211> 650

<212> DNA

<213> Enterobacter cloacae

<400> 422

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cggccattga	gaacgaacct	gttcattcaga	ccacgcgcgt	gattcctgaa	gcgcagcctg	240
cacctcacca	gtggcagaaa	atgccgttct	ggcacaagggt	gcgtccatgg	gccagccagc	300
tcacccagat	gggggtcgct	gcgtgcgtat	gcgttgacgt	tatcgttggg	gtccagcact	360
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tgatgggtaa	agccagcccg	gttagcctgg	gcgtaccggc	agatgcctcc	gcaagcggcg	480
gacagcaaca	gcaggtacag	gagcagcgcc	gtcgcattaa	tgcgatgttg	caggattacg	540
agttgcagcg	ccgtctgcac	tccgagcagc	ttcagtttga	gcaggcccaa	accagcagag	600
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<210> 423

<211> 1632

<212> DNA

<213> Enterobacter cloacae

<400> 423

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gcagcccagg	ttctggactc	catggacctg	gaacgcgaac	gcggtattac	catcaaagcg	180
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gatctcatcc cgcgtcagca gtttgacatt gcgagtcttc acacgaggct ggcaggatcc 1620
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<210> 424

<211> 492

<212> DNA

<213> Enterobacter cloacae

<400> 424

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ggcgggttct	ggcttgctaa	aggcgtttcc	ccaaggcttg	ccgcccggga	agcgtggcag	420
cccgttatcc	tcagcgttgc	actggcacc	gaccaacttc	gtgttgagac	gctctcttct	480
aaggcccgtg	ga					492

<210> 425

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 425

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accggtcgcc	ggacggtcag	cacgacgggt	cgcgataatg	cggaaattac	cattgtcggg	960
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<210> 426

<211> 243

<212> DNA

<213> Enterobacter cloacae

<400> 426

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agaggctaca	gaaactctac	tgaaatcatt	attgatgaaa	gcatgacggg	tattgtcggg	180
cgtaatgact	ttgggaaatc	aacgcttctg	gaagcgctgg	ctattttttt	tgaaacagaa	240
tga						243

<210> 427

<211> 816

<212> DNA

<213> Enterobacter cloacae

<400> 427

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caggccaatt	tctctgccga	tatcgcgcat	gagatcagaa	cgcccatcac	caatctggtg	180
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agagtgcagg	tggaatcgga	cgtacactca	acgcgtttta	tcttatccgt	gcccagactg	780
gagaaaatga	ttccggacac	ccagtgtctg	gaataa			816

<210> 428

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 428

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tttaacgggca	tcaacgctaa	aaggatatatt	tttatgaaag	ccagaaacac	tttatattgca	120
gtattaatgt	tatccctgcc	agcgatttca	gcagaacatt	cagaaatgaa	aatgactgat	180
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atgagaaaagc	tcgcgccagga	catcattaaa	gtcaaaaaag	gtgaaattga	gcagatgaat	420
aaatggcttg	atagtcaaaa	gtaa				444

<210> 429

<211> 702

<212> DNA

<213> Enterobacter cloacae

<400> 429

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catgaaagag	ctgcagttgc	ccatgaattt	atgaataacg	gtcagtctgg	cccacatcag	660
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<210> 430

<211> 396

<212> DNA

<213> Enterobacter cloacae

<400> 430

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<210> 431
<211> 768
<212> DNA
<213> *Enterobacter cloacae*

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<400> 431

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ctgtctgaac	tcgtgtgcgc	ctgccatgca	cgaaagggga	atgtttcctg	cccgttgatc	720
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<210> 432

<211> 351

<212> DNA

<213> Enterobacter cloacae

<400> 432

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 <213> Enterobacter cloacae

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<211> 399

<212> DNA

<213> Enterobacter cloacae

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gtccgcctcc	ccatagcggc	ggatgctgcc	gtaaggcttg	tccggttccc	gcaacaggcc	300
cttgcgctga	tagaagcggg	ttgtctccac	gttgaccccg	gccgccttgg	caaaaacgcc	360
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<210> 435

<211> 438

<212> DNA

<213> Enterobacter cloacae

<400> 435

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cgcaacgtcg	ccttttccct	tacctctgaa	atcaaccggg	tcagcgtagt	ggctccgggg	300
agaataatac	gatgttgcat	aagccaccct	gtcgcacgat	cgaaaagcag	gccaggacgt	360

tcgttgctta	tccagctccg	ggtatataaa	agacgggtaa	ggcgaaatgt	ccagggccag	420
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<210> 436
 <211> 639
 <212> DNA
 <213> Enterobacter cloacae

<400> 436						
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gctcgggtct	caaccagtca	gcagtctctt	gatcttcagg	tcagagcact	caaagacgca	180
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aatgagggcc	gacaggaagc	aaagctgaaa	ggaatcaaat	ttggggggcc	ccggcaggcg	540
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<210> 437
 <211> 297
 <212> DNA
 <213> Enterobacter cloacae

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tcctcgcagt	gggtgccatc	gtcgcgccc	aacagctcgg	caatctcgtc	cagactgaac	240
cccagccgct	gtgccgattt	cacgaatttc	acccgaacca	cgtccgcctc	cccatag	297

<210> 438
 <211> 702
 <212> DNA
 <213> Enterobacter cloacae

<400> 438						
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ctcgagcaga	tcgagcgcg	taccgagcgc	gatcgcttcc	tctctgcgcc	agaggcagtt	660
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<210> 439
 <211> 1332
 <212> DNA
 <213> Enterobacter cloacae

<400> 439						
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cagcatgaag	tgcgtaaact	gattgccggg	ccgtccgtgt	atatctgcga	cgaatgcgtc	180

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<210> 440

<211> 1695

<212> DNA

<213> Enterobacter cloacae

<400> 440

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<211> 225

<212> DNA

<213> Enterobacter cloacae

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 aggccacggg caccggtttt acgcgccatc gctttcttgg caatcgcgtc caacgcttcg 180
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<210> 442

<211> 192

<212> DNA

<213> Enterobacter cloacae

<400> 442
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 tcgtttgggt tttcagacgt ggctttcacc gttgcgcaa aaccaatgcc ggagccggtt 180
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<210> 443

<211> 483

<212> DNA

<213> Enterobacter cloacae

<400> 443
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 gttttttgtg ctttttatcc cctcttccct ggggagaggg ttagggtgag gggctcaggc 180
 cgcaccgagc tgcataatag accggggggg attgactcgc tgcgctcgcc ctgcgggcag 240
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<210> 444

<211> 1119

<212> DNA

<213> Enterobacter cloacae

<400> 444
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 gatgaatacc aacaactcaa ggtgctatcc atgggaagac agaaagcagt gatcaaagct 360
 cgtcgcgaag caaaacgtgt gctgagacgg gattcacgta gtcataaaca gcgtgaagaa 420
 gaatcggtca cctcgcttgt gcagatgagc ggcgtagaat cgattggcat ggcgcgggac 480
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 agcgcgcgca aagcggcgga ggcgctgatt cataaggacg tggaaaggat catcggtacc 660
 cgtccggtag tgcaagcgga tgaagatctg ggcttcttgc ccggcgatat ttccgagaag 720
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 gatattacc agtgtgacct gccgtcgggc gttagaactc gcctgagcga tgccatgtca 1020
 cgttttgagg aagatgagat gataggggtg gtccgcttca caaaagagga ctgcgtccgc 1080
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<210> 445

<211> 186
 <212> DNA
 <213> Enterobacter cloacae

<400> 445
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 aggcgtacaa catgcgaaaa aaaagcccgc attttcatgc gagctcttct tcaaatatgg 180
 cgtga 186

<210> 446
 <211> 270
 <212> DNA
 <213> Enterobacter cloacae

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 accggtaccc tgcttgaagg gatcttcggc taccaggaaa cgccgagcgt cagcgaagtg 180
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 ggctcgaga cgtcgcgcgt tgcgccgtaa 270

<210> 447
 <211> 1155
 <212> DNA
 <213> Enterobacter cloacae

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 gtcaaaagtca ccgtcaacga taaacagtgt gagccgatga ccatcacggt taacagcggg 180
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 gagaacggcg aactgctggc gaaagtggat gccaatTTTA agaaagtTga cgctatcctg 1020
 gcgaaatacc gcaccaaaga cgggttcgaa acctacgaca agctgaccga tgctgatcgt 1080
 aacgcgctga aaggcccgat tacgacgctg gcggaagatc tctccctgct gcgtggcgta 1140
 ctgggtctgg attaa 1155

<210> 448
 <211> 1287
 <212> DNA
 <213> Enterobacter cloacae

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 gcaaaaaccgc aaagcgcccc cggcacgctc tccccggagc cgcgatgga aacgcagccg 180
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 gctttcgatt cgttggcgag tgataaggcc gaccttgagc gtctgttcag gctattaacc 300
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gcgctgcaaa	aaatgacgcg	attcccgaat	gattctctcg	acgcggcgct	gtgccacggc	540
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gagaagggat	tcctcaccgt	gcagaagcgg	ctcaacggcg	aagcgctgga	agagtacatt	1200
aagcccacg	gcggcggtta	tttctttgcc	ctgcccggcg	cgcgtagcgc	gaacgcctgg	1260
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<210> 449

<211> 312

<212> DNA

<213> Enterobacter cloacae

<400> 449

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gcgccagttg	tcgaaccccg	gtcggggggt	ctcattcccc	gcaaaggcgt	acaacatgcg	120
aaaaaaaaagc	ccgcattttc	atgcgagctc	ttcttcaaat	atggcggtga	gggggggatt	180
cgaacccccg	atacgttgcc	gtatacacac	tttccaggcg	tgctccttca	gccactcgga	240
cacctacca	tattgttttg	ctgcctgacc	gcttgggggg	caacggggcg	ctactatagg	300
gagttgcgct	aa					312

<210> 450

<211> 1809

<212> DNA

<213> Enterobacter cloacae

<400> 450

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ttacgctttg	aggaatccac	gatgagtga	gcagaagccc	gcccagagta	ctttattcgt	180
cagatcatcg	atgaagatct	ggccagtggt	aagcacacca	cagtccacac	gcgtttcccg	240
ccggagccaa	atggctacct	gcacattggt	cacgccaaat	cgatctgcct	gaactttggt	300
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cgcggtacgc	tgactcagcc	tggtaaaaac	agcccgttcc	gcgatcgtag	cgtggaagag	600
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<210> 451

<211> 615

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (527)

<220>

<221> unsure

<222> (554)

<400> 451

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accctcacgg	gcggtattta	ttactggcag	cgtgagcgtg	accgtaaaga	cgctactgaa	180
gataaataca	aaaccaacct	ttctcactcg	acctggaacg	ccaaccttga	tttccagtcg	240
ggatatgccg	ccgatattgt	cgggatcgat	attgcagcgt	tcaccgcaat	tgaaatggcc	300
gaaaatggcg	acagcggcca	tccgaacgaa	attgcgttct	cctccagcaa	taaagcctac	360
gacgaagact	ggtccggcga	taaaagcgga	atcagcctgt	ataaagcggc	tgcaaaaattc	420
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gcgcgcgact	ggagctttat	gccaggcacc	tatcaggggg	cggaaancgg	tgctaatttt	540
gactacggcg	aatnccgggg	cgtgagcttc	tcctatatgt	ggaacaacga	agttacaagc	600
gccgtggcac	attga					615

<210> 452

<211> 2001

<212> DNA

<213> Enterobacter cloacae

<400> 452

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gcaggcggcg	caatttttga	caacctggcg	ctgattttcg	ccatcggtgt	ggcgtcaagc	240
tggtcaaaag	acagcgcggg	tgccgcggca	ctggcagggg	ctgtcggtta	cttcatcctc	300
acgaaagcga	tggttaacct	caatcctgaa	atcaacatgg	gtgtgctggc	aggtatcatt	360
actggcctgg	tgggtggcgc	cgtatacaac	cgttgggcag	gtatcaaact	tcctgacttc	420
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gacttcctga	atgctaacgc	gcgctccatg	ataagcccgg	tcgtgtgcag	caacatcgac	1920
gacttcagcg	gtctggtgat	ccaggcgag	gggcaggtag	ttgcaggcca	gacgccactg	1980
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<210> 453

<211> 861

<212> DNA

<213> Enterobacter cloacae

<400> 453

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<210> 454

<211> 1101

<212> DNA

<213> Enterobacter cloacae

<400> 454

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<210> 455
 <211> 312
 <212> DNA
 <213> Enterobacter cloacae

<400> 455
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 gccaatggcc tgatggggga aatggttgaa attcacctca aagatgagct ggtgacgggg 240
 gagaccacc cggatcagcg ggctgtgcgg atggcggaag tcggccattt actgcgctct 300
 tatctaaaat aa 312

<210> 456
 <211> 312
 <212> DNA
 <213> Enterobacter cloacae

<400> 456
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 ccggcccgcg gtcaggagat caaaacccgt ccctaccatc tgggtgacagg gggcgtatgg 120
 cgcgggtcgg catttgccgg cgtgaaaggc cgtaccacgc tgccgggcat ggttgaagat 180
 gcgatggctg gtaaaattca gctcgaccgc ttcattacgc accgcctgcc gctggagcag 240
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<210> 457
 <211> 1551
 <212> DNA
 <213> Enterobacter cloacae

<400> 457
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<210> 458
 <211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 458

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tttcccacta	acctatactt	tcagtctgac	acacgactgg	aggtttctat	gtgtggacgt	240
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ctgttggtga	gcgaacacga	cgagcaatta	catcttgatc	ctgtattctg	gggttatccc	420
ccggggtggt	gggataaagc	gccactgata	aacgcccgcg	tcgaaaccgc	ggccaccagc	480
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<210> 459

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 459

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ggcagtagcg	catttgagcg	aggcgatgaa	gctgagggtt	ttctaatagt	cacatctgca	180
gctgataaag	gcctgggtcg	cattcacgat	cgccggccac	tggtagctgc	accggaagcg	240
gctcgcgagt	ggatgcgaca	ggaggtagga	ggaaaagagg	ctgaacagat	cgctgccgac	300
ggagtatcga	cacgccaggg	cgaagtacag	cgt			333

<210> 460

<211> 429

<212> DNA

<213> Enterobacter cloacae

<400> 460

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cgcttttttt	tcgactgcct	ggctgtttgc	gtcaacgtga	agcctgcacc	cgaaaaacgt	180
gagttctggg	gctgggtgat	ggaaatggaa	gcacaggaaa	accgttttac	ctatagctat	240
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gtgatcgatc	gcctggagca	tacgctaaaa	gaatttcacg	gcaaagctcg	cgacctgctg	360
gccacgctgg	atctgaagct	ggagcctgcg	gacgattttt	ccagcgaagc	ggtgaaattg	420
agagcctga						429

<210> 461

<211> 507

<212> DNA

<213> Enterobacter cloacae

<400> 461

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tcttcacgcc	tgaaggccgt	cgctgtctt	ggtccggtgg	tgcagtctct	gttaagcgat	180
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<210> 462

<211> 1143

<212> DNA

<213> Enterobacter cloacae

<400> 462

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atcgttgagc	ttgtacgtca	gtgcgctcag	ttgcatgccg	cagggcatcg	tattgttaatt	180
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gccatcctgg	gctatgaata	tggcccgggt	gccgtgcac	gtgacgacat	gattattcgt	1140
taa						1143

<210> 463

<211> 1080

<212> DNA

<213> Enterobacter cloacae

<400> 463

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ctggacgtgt	acggcaaaat	aaaagcaatg	cactacatta	gagatgatga	cgctaaggat	180
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caaaaaacac	gtctggcatt	tgcggggctg	aaactgaaag	acttcggctc	actggattat	360
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tattttcaaca	aaaatatgtc	tgcttttggt	gattataaaa	tcaaccagat	cgatgacgat	1020
aataaactgg	gcgtaagcag	cgatgatatc	gttgcgctgg	gcatgaccta	ccagttctga	1080

<210> 464

<211> 732

<212> DNA

<213> Enterobacter cloacae

<400> 464

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gccgtgacaa	gcctgtttgc	gctttttggc	tgtaataaac	gttcggaaac	gcaggtacta	120
cagccaacgc	aaaatgaaga	attaaagccg	atgcagcaaa	gctggcgcg	cgattaccg	180
tgtgcagatt	gcgaggcat	cgaaacctct	ctgttcctgc	aaaaagatgg	cacctgggtc	240
atgaaccagc	gttaccagg	ggcgaaagaa	ccgtcttctt	ttgcatctta	cggaacatgg	300
gcgcgtacgg	ctgagaagct	ggtattgacg	gataccacgg	gcgataaaac	cttcttccgc	360

gccaaaggcg	aggggatgga	gatgctcgat	cgcgaaggca	atccgattga	atcccagttc	420
aattacacgt	tggccccggg	gaaagcgacc	ctgccagcca	ccccaatggc	gatgcgagga	480
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aagccagtgt	tgctgacggg	tgaagggcag	tttacgctgg	agccaaaccc	ggatagcggc	660
gagctggtaa	aaacgctggg	ggcagataaa	gacgcgaagt	ttgctgcggg	gaaagactgc	720
gaaagcaaat	aa					732

<210> 465

<211> 453

<212> DNA

<213> Enterobacter cloacae

<400> 465

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agcatccctg	ataacgagct	ggagatcacc	gctatccggg	cccagggcgc	aggggggag	120
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gccccggctg	tcgcgggtcat	caaagagctg	acggctgtac	aaaaaagtcg	ccgggcaaca	360
cgccaacgc	gggcatcgaa	agaacgtcgg	ttgtcatcga	aggcgcagaa	atccaccgta	420
aatcactgc	gtggcaaatg	ccgtcaccca	taa			453

<210> 466

<211> 564

<212> DNA

<213> Enterobacter cloacae

<400> 466

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gcggatcttg	accgtaacca	gtttctggat	gcgtcattga	cgctggcgcg	tcacccttct	120
gaaacccagg	agcgcatgat	gctgcgcctg	ctggcgtgga	ttaagtatgc	cgacgagcgt	180
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gatgatgaac	agctggcgca	gttgagtgcg	ttcgccagcc	ggacgatggc	gctacaggca	480
acaattcagg	acggtgccat	ctggctttcc	gattctcaga	ataatctgga	aattcatctc	540
acggcctggc	agccccgcac	atga				564

<210> 467

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 467

agaccaacga	atcaggactc	tccacccaat	attccgacag	cccgcaagcg	tatgcaaate	60
aacgcgtcga	aaatgaaagc	caacgcgggtg	ttgctgcaca	cctgtgaagt	caccagcggc	120
acaccagggt	gctatcgtea	ggcgggtatgt	atcggttctg	cgcttaacat	tacggcgaaa	180
tga						183

<210> 468

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 468

gcgttatccg	ctcccccttat	aaagaaaagt	tcgccgtgcc	gcgtcagccg	ggtctggtca	60
ttcacggcgg	cggcgagctt	catcttgtcg	cgccgtataa	ccaggccgat	gcagtgcgcg	120
ggcttgaggc	gttcagccat	ttatgggtgg	tctttgtgtt	tcaccagacc	atggaaggcg	180
gctggcgtcc	cactgtgcgt	cctcctcgtc	tgggcggaaa	tgccagaatg	gggggtctttg	240

ccacccgctc aacctttcgt cccaacccca tcggaatgtc gctggctgag ctga 294

<210> 469

<211> 1785

<212> DNA

<213> Enterobacter cloacae

<400> 469

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aacaacatgc	gtactagcca	atatctgctc	tccactctga	aggagacacc	tgccgacgcc	120
gaggtgatca	gccaccagct	gatgctgcgc	gccgggatga	tccgcaagct	ggcctccggg	180
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<210> 470

<211> 225

<212> DNA

<213> Enterobacter cloacae

<400> 470

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gcggagatcg	ccagcggaga	tctggggtag	attccggatg	cgttgggctg	tgtattgaac	120
gtgctaaatg	aagtggcctc	tgatgagagc	ctttctgaat	cggtcagcgg	gaccgcagggt	180
tttcaacacg	ccgcgccaga	tcatacagta	ctctccccc	ggggg		225

<210> 471

<211> 720

<212> DNA

<213> Enterobacter cloacae

<400> 471

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cccgcctacc	gcaaagaaga	ggaagccggg	aaaacgtacg	ccgtctggct	gctggacttt	660
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<210> 472

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 472

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gacttcactg	gaaacacatt	taaaaagaca	tcactcttcc	tgccatgtga	taaaagctcg	180
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<210> 473

<211> 3678

<212> DNA

<213> Enterobacter cloacae

<400> 473

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<210> 474

<211> 480

<212> DNA

<213> Enterobacter cloacae

<400> 474

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<210> 475

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 475

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agaatcatgc	atacttttaa	gattgataag	aggaaaacct	cacatcatgg	ccacgtcgtg	360
tacaaaaata	taagcgttac	cccaaacgag	aggggcgggt	tgttggtatc	cgcagggata	420
gttccagtcg	ataaagatgg	cttaaaaccc	ttcatgcaca	tggtccccgt	ctcacaatg	480
gattgcgtta	aaattggcct	ctacatactt	ggatatcttg	ctcaaaaaac	gccctgggta	540

agctccgagt ctataattac cgcgcttcgc ttatctgaag ccaagaattc aaaatag 597

<210> 476

<211> 519

<212> DNA

<213> Enterobacter cloacae

<400> 476

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tggtacaaaa	ttaacgacgc	cggtcaggag	gccgagtact	tcaacatgaa	gctggagaac	360
gtcaaagtcg	tctcgatttg	cccgatgatg	cacgatgtga	aaaacccggc	gaccgagaag	420
cataaccacc	ttgagagcgt	tgcgctgcgg	tacgagaaga	tcacctggaa	acactgcgac	480
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<210> 477

<211> 1284

<212> DNA

<213> Enterobacter cloacae

<400> 477

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gttcagcagc	aatggcagat	gaagagagaa	atgctttcac	cgcgatatac	aacacggata	1260
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<210> 478

<211> 474

<212> DNA

<213> Enterobacter cloacae

<400> 478

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ggtgacattg	tcatcgacgc	agtagaaggg	gaatttactg	ttaaacgcct	gcagctgcgc	360
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<210> 479
 <211> 948
 <212> DNA
 <213> Enterobacter cloacae

<400> 479
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 aacttccctg attttgagcc tcaggagcgt ctggctcgtt tagttgggtct tgatgaacac 120
 aaagatcgat tatcaaaaat attaggcttg ctgttaaate cttatgggat tcaggaatgg 180
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<210> 480
 <211> 522
 <212> DNA
 <213> Enterobacter cloacae

<400> 480
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 agtccgcttc aggatcctga aaacacaggt ggattgtcca ttctggcctt tgagcacgag 420
 cccggaagtg acagtaagaa cgttgatgtg tgggtttgca aaaatcctga cgaagaggac 480
 attgtcgaat ccattcttgg cgaaattatc cctggcgcgc tg 522

<210> 481
 <211> 243
 <212> DNA
 <213> Enterobacter cloacae

<400> 481
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<210> 482
 <211> 315
 <212> DNA
 <213> Enterobacter cloacae

<400> 482
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<210> 483

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 483

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gaagttaagc	gcctgaagtc	gcttgaggaa	gagaacgcc	gactcaagaa	gctgcttgcc	240
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<210> 484

<211> 2109

<212> DNA

<213> Enterobacter cloacae

<400> 484

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gagaatTTTT	atcggcctat	tcttgagtat	cgtagtgcct	caatactttt	gatttggttcg	120
gtttctatgc	tttatatggg	actttcttca	gacggactgg	acatcgcccc	aatagttctg	180
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<210> 485

<211> 2613

<212> DNA

<213> *Enterobacter cloacae*

<400> 485

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<210> 486

<211> 768

<212> DNA

<213> *Enterobacter cloacae*

<400> 486

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ctggcaaaga	cgctgttccc	gccgcaggcc	cctcaggaga	ttgagaccct	gttgtctgaa	540
tgggacgtca	gccatgcgct	ttcgcagctg	gccgatcgtc	cgctgctgct	gtggcatggg	600
gatgccgacg	acgtcgtacc	gaccgggtgaa	actttccgcc	tgcaacaggc	gctacagcgc	660
gaagggctgg	acagcaatct	gacctgcctg	tggggagcgg	gtgtccggca	ccgtattacc	720
ccggaggcgc	tggaagccac	cgtggcgttt	ttccgccagc	accttttaa		768

<210> 487

<211> 759

<212> DNA

<213> Enterobacter cloacae

<400> 487

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<210> 488

<211> 231

<212> DNA

<213> Enterobacter cloacae

<400> 488

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gcctgcaaga	gcgcgtcacg	cagcccggcg	aactcggtea	gattgcccgtg	cagcgtttgc	180
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<210> 489

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 489

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ctcagcggat	gttccgtatt	gcagggtacg	ccagaaccgg	cgccgcgggt	taccgatcat	240
cctcaggaaa	ttcgtcgtaa	tcagacggaa	ggattacaac	gcctgggtac	cgtatccgcg	300
atggttcgtg	gttccccgga	tgatgcagaa	gacgcaattg	aagcgcaggc	cgttgccgca	360
aaagcagatt	attacgtcat	cacgatgatt	gatgaaacca	ttattacggg	acagtggtag	420
gcccagggca	ttttgtaccg	taagtaa				447

<210> 490

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 490

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cagtcggccg	aatttgccag	cgcggtattg	gtcacgggcc	tgaacgagat	tggtcagatc	180
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gatgaacagg	gcgcatacctg	gtatcgcatc	gtccagatgc	aggaagatca	ccatgttaat	300
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<210> 491

<211> 1182

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

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<221> unsure

<222> (1146)

<220>

<221> unsure

<222> (1176)

<400> 491

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<210> 492

<211> 1482

<212> DNA

<213> Enterobacter cloacae

<400> 492

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<210> 493

<211> 1026

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (322)

<400> 493

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<210> 494

<211> 735

<212> DNA

<213> Enterobacter cloacae

<400> 494

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<210> 495

<211> 369

<212> DNA

<213> Enterobacter cloacae

<400> 495

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<210> 496

<211> 2436

<212> DNA

<213> Enterobacter cloacae

<400> 496

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<210> 497

<211> 816

<212> DNA

<213> Enterobacter cloacae

<400> 497

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<210> 498

<211> 681

<212> DNA

<213> Enterobacter cloacae

<400> 498

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<210> 499

<211> 282

<212> DNA

<213> Enterobacter cloacae

<400> 499

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<210> 500

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 500
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<210> 501
 <211> 978
 <212> DNA
 <213> Enterobacter cloacae

<400> 501
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<210> 502
 <211> 978
 <212> DNA
 <213> Enterobacter cloacae

<400> 502
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<210> 503
 <211> 1056
 <212> DNA
 <213> Enterobacter cloacae

<400> 503

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<210> 504

<211> 543

<212> DNA

<213> Enterobacter cloacae

<400> 504

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<210> 505

<211> 1338

<212> DNA

<213> Enterobacter cloacae

<400> 505

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<210> 506

<211> 960

<212> DNA

<213> Enterobacter cloacae

<400> 506

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<210> 507

<211> 1038

<212> DNA

<213> Enterobacter cloacae

<400> 507

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<210> 508

<211> 759

<212> DNA

<213> Enterobacter cloacae

<400> 508

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<210> 509

<211> 1299

<212> DNA

<213> Enterobacter cloacae

<400> 509

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<210> 510

<211> 819

<212> DNA

<213> Enterobacter cloacae

<400> 510

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<210> 511
 <211> 660
 <212> DNA
 <213> Enterobacter cloacae

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<210> 512
 <211> 1008
 <212> DNA
 <213> Enterobacter cloacae

<400> 512
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<210> 513
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 <213> Enterobacter cloacae

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ccggatgacg	gttacaagac	cttcgtctgc	gtggaaaccg	cgtgcgtgac	cgcgccgcag	840
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<210> 514

<211> 1574

<212> DNA

<213> Enterobacter cloacae

<400> 514

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<210> 515

<211> 774

<212> DNA

<213> Enterobacter cloacae

<400> 515

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<210> 516

<211> 184

<212> DNA

<213> Enterobacter cloacae

<400> 516

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caccggcggt	ggatatcccc	cgcgccatgt	atctggtgga	actagcgta	gaaatgtgtc	180
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<210> 517

<211> 933

<212> DNA

<213> Enterobacter cloacae

<400> 517

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<210> 518

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 518

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tatcttaagg	aaattcgctc	cctgtttgcg	aaggtaaaag	ttcgtaaagg	ggactcttcc	240
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<210> 519

<211> 1959

<212> DNA

<213> Enterobacter cloacae

<400> 519

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<210> 520

<211> 1125

<212> DNA

<213> Enterobacter cloacae

<400> 520

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<210> 521

<211> 2178

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (193)

<400> 521

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<210> 522

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 522

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<210> 523

<211> 1914

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1788)

<400> 523

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<210> 524

<211> 1011

<212> DNA

<213> Enterobacter cloacae

<400> 524

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<210> 525

<211> 987
 <212> DNA
 <213> Enterobacter cloacae

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 <211> 1116
 <212> DNA
 <213> Enterobacter cloacae

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<210> 527
 <211> 318
 <212> DNA
 <213> Enterobacter cloacae

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 gggcgcatca ctgaactggc actggaacgc aggcgttttg gctaccgtcg taatttggcc 240
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<210> 528
 <211> 294
 <212> DNA
 <213> Enterobacter cloacae

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 <213> Enterobacter cloacae

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<210> 530
 <211> 2418
 <212> DNA
 <213> Enterobacter cloacae

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<210> 531

<211> 1680

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1654)

<400> 531

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ggttcaaagg	gtcttgagtg	gaataaaagta	ataataatga	gttgtaatgc	ggatcagata	1620
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<210> 532

<211> 321

<212> DNA

<213> Enterobacter cloacae

<400> 532

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gcgccttgcc	gtaagccgtg	gcgcgcggct	gccggcagcg	gtctggccgg	tctgcccctg	180
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gaagaacagg	gttttcgcaa	taaccgctgg	ctgacttacc	ggcaggcgca	gccaggccgg	300
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<210> 533

<211> 900

<212> DNA

<213> Enterobacter cloacae

<400> 533

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catattaaaa	atggaatgag	ccgcgacgaa	gctgaagcat	tagtctctat	ggatttgggg	840
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<210> 534

<211> 729

<212> DNA

<213> Enterobacter cloacae

<400> 534

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<210> 535
 <211> 192
 <212> DNA
 <213> Enterobacter cloacae

<400> 535
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 tgtgctctgg caaacaagct ggccagaata gcctgggccc taacggcacg acagcaaact 180
 tatgtagcat aa 192

<210> 536
 <211> 480
 <212> DNA
 <213> Enterobacter cloacae

<400> 536
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<210> 537
 <211> 450
 <212> DNA
 <213> Enterobacter cloacae

<400> 537
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 gccagctacg ttgcctttta tgaacgggca cgcacagaga tgctgcgcca tcatcacttt 180
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<210> 538
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 <212> DNA
 <213> Enterobacter cloacae

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<210> 539

<211> 1515

<212> DNA

<213> Enterobacter cloacae

<400> 539

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gaccgtctgg	gtaaaagtcca	gcataatggc	gtaacctggc	tggtggcatt	aggtcccaac	360
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<210> 540

<211> 1155

<212> DNA

<213> Enterobacter cloacae

<400> 540

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acgctgaact	taatgaccta	tgttgcttgc	gtgttcgtac	cgattatcct	gctctacacc	1080
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<210> 541

<211> 303

<212> DNA

<213> Enterobacter cloacae

<400> 541

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cgcttcgcgg	cgaaaaccag	cgagcttgaa	atctggcacg	gcttcctgat	tatgtgggcg	180
gtgtgacgag	gcgtgattca	cggtgtcggc	tttcgtccga	aagcgctaca	ctggcagggc	240
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<210> 542

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 542

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aacaaactgg	aactgaacta	cgacaacttt	atggaagagt	tcaccgcgat	tctgcacgtg	660
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<210> 543

<211> 432

<212> DNA

<213> Enterobacter cloacae

<400> 543

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<210> 544

<211> 903

<212> DNA

<213> Enterobacter cloacae

<400> 544

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gatcatgagg	agatgaaaca	acttaaccgt	gaggtcattg	attactttaa	agagcatgtg	180
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tga						903

<210> 545

<211> 576

<212> DNA

<213> Enterobacter cloacae

<400> 545

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<210> 546

<211> 606

<212> DNA

<213> Enterobacter cloacae

<400> 546

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<210> 547

<211> 414

<212> DNA

<213> Enterobacter cloacae

<400> 547

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<210> 548

<211> 612

<212> DNA

<213> Enterobacter cloacae

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aacgcacata	ccgtgggtat	tgacggcggc	aaagtacacc	tcaggggaga	gctggttaac	180
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<210> 549

<211> 2586

<212> DNA

<213> Enterobacter cloacae

<400> 549

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gcgtttctct	ccgatgacac	ggcgaacgtc	gcggatttgt	cgcgttttga	aaaagccac	180
cagcaggcac	cggcgctcta	tcgcgtcgat	atctggcgta	acgatgagtt	tatcggcacg	240
caggacgtgc	ggtttgagca	agctgacaac	acgccgcggg	tcgcaggcgg	tttgtcgccg	300
tgcattacgc	gcgcgatgct	cgatcgcttt	ggcgtcaata	tcgccgcctt	cccggaactg	360
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gcgttcaact	tcgcctcggt	gcgcctgaac	gtcagcctgc	ctcaggtggc	gatgcaaaac	480
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ccactgagcg	gggagctgct	gattcagtgg	ggagacggga	agcagtccca	gtgtcgtgcg	2520
ccctacagcc	tgccagaaca	gagcctgcaa	caggcgatca	cacttaaggg	gatccgctgt	2580
gaataa						2586

<210> 550

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 550

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ggcggaattg	cgctgggtgc	gacgcgcgtt	atttatccgg	ccgatgccaa	acaaacgtcg	180
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gccaacgggc	aaaaggaaaa	aacctttgcc	gtcacgccgc	cgctgtttgt	cagcgagccg	300
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aacaacgtcc	tgcaactggc	tattctgtca	cgatcaagc	tgtttgttcg	cccggctaac	480
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cttaagggtga	gcaatgcctc	accgtattac	gtcacgctgg	tcaatctgaa	gctcggcgga	600
cagacgctgg	ataacctgat	ggttgctcct	aaaagctcgg	cgcagcaggt	gctgcctgcc	660
gctacgagcg	gcacgctctc	ctggcagagt	gtgaatgact	atggcgccat	tacgccggcg	720
cgtagcgctca	gcctgtga					738

<210> 551

<211> 1104

<212> DNA

<213> Enterobacter cloacae

<400> 551

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ctatccctgc	tggcattttt	gcgcgtatct	caggcggttcg	ccaccgtctg	cgatcaatgaa	180
aatggcggtg	cgacggaggt	gtattacgac	ctgacggata	aattcaacag	ctccaataac	240
cagggtgggg	agattgtcac	actcagcgag	aagtctcagt	gggtgggtgt	taacgcgcgtc	300
tgtcctaagg	gaacgtccgg	gaacaccacc	aagcgcagct	atgttaccga	ttaccgcgtc	360
acgggaccca	gcgatggcta	ccagtatctg	aagcttaacg	actatctgga	cggagcgatg	420
aaaatcaccc	acagctacgc	tggcaccttc	tatccacca	gaaagtacat	tcagatgggg	480
agccatccga	acgtgtctaa	aaacaaaccg	tttgggtgtac	aggattccag	cctcgtcttc	540
cggcttaagg	tgaccgcagc	ctttatcaat	atggtagtga	tccccggggc	gaccatgttc	600
cgggtttacg	tcaccacgac	ctcctcggat	ccgctcacca	cgccggttta	taccatcagc	660
tacagcggga	ccattcaggt	gcctcagagc	tgtgaaatta	atgccgggaa	tgtggtggag	720
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gaggggatct	cagcgcaaag	caaaaccatc	ggcataaaat	gcaccaacgt	cgaggcgaac	840
gccatgctca	cgatgcgtgt	tgaagcggag	aaggtttcag	gcagtacgct	ggtttccgat	900
aacgcggatg	tgggttttgt	gattgccaac	agtaatggcg	tgccgctgac	gccaacaac	960
ctgaccagca	aaatcccgtt	ccgtctggac	gacagcgctc	aggcacaggt	ggggatccgc	1020
gcgtggccc	tcagcgtgac	cggtaaaaaa	cctgccgagg	ggcgttttac	ctctcgcggc	1080
tatttacgcg	tcgactacga	ctaa				1104

<210> 552

<211> 240

<212> DNA

<213> Enterobacter cloacae

<400> 552
acgtattttct tattcccgaa tatgcgcggg aaggggttatt tacatttttaa aggaatagac 60
atgaaactca gcaacattgc ttctactgtt attgcaactc tggccctggg cgcggtgccc 120
gctcacgcag aagatccggg agcgctgtg tctgtaaacg gtggtacggg gcatttttaa 180
ggtgaattag tgaatgccgc gtgttcagt aatactgaac tcttcagagc agacggttaa 240

<210> 553
<211> 498
<212> DNA
<213> Enterobacter cloacae

<400> 553
ccgtcgcgat gctttgcgct ttgctcccct gcacacgcag agatggcgct tggggaaatt 60
aacattcagt tatacggcaa tatagtggat tttacttgcg tggcggaggg ggacgacagc 120
aataaaaccg tcacgatcgg cacttggtccc acgaaacagc tccgcacaac ggggagccgg 180
acgcagcctg tgctgttcac cctgaagctg accggatgcc cgccgggggc agcttcggtc 240
acatttacgg ggaagatgga cgggcatgat aacagcctgc tggcgctgaa tgatgccagc 300
gcggccagca acgtgtccgt ggagatcctt gaccgggata aaacgcgcct cgcgttgacg 360
caggccagcc agacggtggc ggtggatgcg cagggaatg cagaactgtc gttttatgcc 420
aattatatcg ccacggcgga taatccgcag ccgggcccgg ctgacgccga tgcaacgttc 480
atgatcaatt ataattaa 498

<210> 554
<211> 503
<212> DNA
<213> Enterobacter cloacae

<220>
<221> unsure
<222> (273)

<400> 554
gatacttgcg aatattccca cggttgatcc cgcttttcag tgatttaaatt caattgcttt 60
catcgcggtt ggtagtgaac attgaaaacc gcgcttcccc gatcattgac ttgctggacc 120
gattacgccg ccacagcctg ttggccccgt acctgacacc atacatgttt ttccgcgccg 180
atgattatga tgctcgcttg ttttgtaaa cggctggccc ttttcattgtg cttgcacgcc 240
agcttacggc gttggatatg caacaaacct tgntggaagc accggcacc gccggcaacc 300
gcaaagagtg gttttcacgg gatgaatggc cgatcttaca ggcgttgta cagggtagct 360
ccttgctgca gatcgcgag ttacagaacc gccatatag ctgcattatt tacagtctca 420
gctgcatcct ggcgaaaact ggactgaatt atcgctcatg gttgctacat cttctcaaca 480
acctctcaga tttcacgtat taa 503

<210> 555
<211> 276
<212> DNA
<213> Enterobacter cloacae

<400> 555
cagcggcgct cgcttctgac aaaatacagg caatcccccc tttctaactg tacagacgga 60
atcttctctc tgatggcagc aaagattatt gacggtaaaa cgattgcgca gcagggtgagc 120
tctgaggttg cggaaaaagt gaaggcgcgt aaagccgccg gatttcgcgc ccccggtgctg 180
gccgttgtgc tggttggcag caaccgggct tcgcaaattt atgtcggcag caaacgcaaa 240
gcgtgtgaag aggtggggtt cgtctcccgc tcttag 276

<210> 556
<211> 636
<212> DNA
<213> Enterobacter cloacae

<400> 556

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gaagtcctgc	tacagaaaaa	taaaaacatc	caggtcaaac	tgaagtcagg	cgacagccac	120
gaagtgcctg	actgtatacg	caaccacccc	attgacctgg	tcattctcga	tattgaaatg	180
acggacacgg	atgggttcgt	attactgaaa	agaatcagga	acttaaataa	agacattaag	240
gttcttttcc	tctcttcaaa	atctgaagcc	ttgtacgcag	gacgcgccat	ccgcgccggg	300
gataatgggt	ttgtcagtaa	gcgaaaagat	ctgggggaaa	tttataacgc	ggtggaaatg	360
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tatctggcga	acggattatc	taataaggag	attgcggatc	aattattact	tagcaacaaa	540
acaattagtg	cccataagtc	taatatcttt	tccaagctgg	gcgtgcaaag	tatcgttgaa	600
ttaattgatt	acgcgaaagc	gcacgaatta	ctgtaa			636

<210> 557

<211> 753

<212> DNA

<213> Enterobacter cloacae

<400> 557

cactcaatga	acttgcagac	atacgagtcg	acttcagcga	ttacgatgtc	agcgatatcg	60
aacgcgatat	tgaacgggtt	gagtcacctt	cgcgtgacga	taccgatgac	gggggttgag	120
tgggcggata	aataatttcta	tttaccggaa	ggttcaagcc	acatcgccgg	tcgctggaag	180
acacaacccg	ttcagctggc	gatgctgaac	atgatgacaa	acgatgcat	caaaatcgta	240
tctatccgta	aatcagcagc	cctcggtctat	acaaaagtga	tggtcggttc	gctgctgtat	300
tttgcagagc	ataagaagcg	cagctcggtc	gcataccagc	ccgtagatga	tgaggctgaa	360
gggttcgcat	ctgatgaaat	agatccggcg	atctgtgaga	tgccggttat	acaaaaaata	420
ttcccggatt	gggacagcag	caacgaacgg	aacaatatca	aacgaaagga	aatgtcaggc	480
gcaatcctgg	attttcgcgg	agcaaatagc	ccagggaatt	ttcgtcgctt	aactaaacag	540
gtcgtcgccg	gtgatgaagt	cgacggctgg	ccgcttgaag	tctcgaagaa	aggcaagggc	600
gaagggtcgc	cgattgaact	ggctctggta	cgtattaagg	gcgcgtcata	cccgaagcc	660
attttcggct	ctactccgac	cgttaccggc	aaaagccaga	ttgaaatgct	cgaggatggc	720
gccgatctgg	tcttccggtt	ttatctgcct	tag			753

<210> 558

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 558

ggagcagtta	tgacaacaga	aagctgtcag	ccggatgatt	ttttcgtcgg	tcctgacgtg	60
acaacaacta	ccggtatcat	ggcttcgggt	gtgaatatcg	cgaaatatac	accctgcatg	120
attgatgcaa	ctgccgggac	ttttaaatcg	tgggatggta	cgccaggaaa	agcagtgggt	180
attacagcaa	tggcagtcga	tgccagcgct	ggccaggctc	agttttcgtg	ctacaacgga	240
ggcacattcc	gtgccagtta	tctgaactgg	tcagctgatg	cggtgaagcg	aaaatcagca	300
tttgccggaa	cgccggtgag	catccaggaa	taa			333

<210> 559

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 559

ctaaacaggt	cgtcgccggg	gatgaagtcg	acggctggcc	gcttgaagtc	tcgaagaaag	60
gcaagggcga	agggtcgccg	attgaactgg	ctctggtacg	tattaagggc	gcgtcatacc	120
cgaaagccat	tttcggctct	actccgaccg	ttaccggcaa	aagccagatt	gaaatgctcg	180
aggatggcgc	cgatctggtc	ttccggtttt	atctgcctta	gcgcgcaggc	ggcgtcaaat	240
gagctggctc	gcgtaatgtc	gatcatcggc	tgtgaagaag	cgaaagggcg	cgagcagcag	300
gcgcctgcgc	ttgccgcgat	tcctgcatg	acgctggatc	aggctaaagc	ggctctggca	360
gcagcgccgc	aaaccgccca	ggcgcgcact	gaaacagcgc	ttgatgcgct	gatgacaaaa	420
gagtcgccgg	aagcgggtgg	ttatatgccc	gctcaacaca	atcactctgc	agacggttct	480
gcagcgaaaa	tttcaactct	ggttcaagca	ggtaaatcac	ttattgagga	gcagttatga	540

<210> 560
 <211> 1035
 <212> DNA
 <213> Enterobacter cloacae

<400> 560
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 tttctcgaca aaattcccgg cgaagtgtcg atggccgttt actgttcgcc actgatcaca 180
 ggcaaagtgc acagaacgcg tgggttttaa acgacgcact tcaaaccggg ttatacaaaag 240
 ccgaaacaca cagtcaatcc gcataccgtc atcaagcggg ctgccgggtga gcatatcggc 300
 cagcctaataa cgcctgcaga acgtcgcgca gaaattatta tgcaaaacct gaaggatgaa 360
 gagctgtcca ttcagcagct ggaagagtac caggctgtgc aggcctgtgt gaaagggaag 420
 tacacgatct ccgggccgaa tatcgatacg acggaaatcg atatgcagcg cagcgttgca 480
 aataatatcg tgcagtcggg cagcactgca tggtcagcac aaaacaagga cacattcgat 540
 ccgagcaacg atatcgaaga gtatgcagag catgcctccg gcacgatcaa cgttatggtt 600
 ctcgatggaa aggcctggaa gacgcttaaa agcttcaaac tgttccgtga agcgtggtt 660
 acgcgtcgcg gctcgaacag taagctcgag ctggctctta aaaacctggg cgacgtggtg 720
 agctttaagg ggtactacgg tgacacagcg gtgatcgtct ataaggcca gtacattgac 780
 ccgatacaaa aagccaaaac gaaatatatg cctgacaaca cgatagccct gggtaattta 840
 cagtcctaaag gttatgcac ttatggcgcc gttcaggatg aagatgcgct tcgtgagggt 900
 attacagaag cgaccgccta tccgaagatc tggactacta ccggcgaccc gtcaatcact 960
 cagactatga cgcaatcagc gccagcaatg gtcttgccag acgctgacgc gtttgtcatt 1020
 gtaaccctcg cataa 1035

<210> 561
 <211> 444
 <212> DNA
 <213> Enterobacter cloacae

<400> 561
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 gcgcgtatca gtgattttaag cgcgcagctg gggcgtgagc tttcaacaac tggcacaat 120
 gaggcgtgc aggcggttat agacagtgtc gaagctgagc tgaagctact gaatgaagat 180
 gacggcgaaa cgctgccctt gcagccgctg ccgggtgggt caaattcagg aacgctgctg 240
 actgccagct ctctgacga aaatgatgaa gctgatgcag acggcgctgc gtatcgactt 300
 gtgaaattac gcgcgacgct tcatgtcgtt cattacgtta atcaaaagcc ggtgcgtgaa 360
 atcgtccctg ctggtcagtc aatctacgtt gatccggaag aggcgcgctt gctcatcgct 420
 gcaaatacag tctacgcgct atga 444

<210> 562
 <211> 990
 <212> DNA
 <213> Enterobacter cloacae

<400> 562
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 aaaaccatca aaaatattgt cgaactaagt ggtattggtt tacatagcgg cagcagcatt 120
 catatgaaaa tcatgccgcg taccgctaata agtggcatac ggttccgtag aacagattta 180
 aatccttcag ttgatattca gtttcgagct gagcaggttc atgacaccat gctggctaca 240
 agtctaatta atcctcaagg tattagggtt tcaacgatcg aacatttcct ttctgctgta 300
 tccagctctg ggattgacaa tctcctggta gaactggatg cacctgagct cccatactt 360
 gatggaagcg caagagaatt tattgattct cttatcaacg ctggttcgat agaacagtgt 420
 gcacttaaaa aatatcttct tattaataaaa actgtgtcag ttaaagacgg tgataagtgg 480
 gctcttttac atccggactc taagttttcc gtggatttca cgattgattt caagcatcct 540
 ttaatctcgg ctgatactaa taaattaaat attgaaatgt cgaaagaaaa atatatagaa 600
 gaaatagctg gtgcacgtac ttttgattt gttcatgatg tagaaaaact gcaaaaaatt 660
 gggctgtgac taggggttg tttgaacaat cggataggtc tcgatgaata tagcgtcctc 720
 aatcctgaag gtcttcgttt taataatgaa ctagttcgtc ataaagtact tgatgcaatt 780
 ggagacctct ttgtttctgg gtataatatc atcgggtgctt accatgcata taaatctggc 840
 catgctttta ataataaact aatgcttgct ttattaaatg ataccgatgc atgggaattc 900

gttaatttgc atgattacag cagggggaaa cttaaagtta atatgttgcc tgcgattaat 960
 aaagaatgcc cagtatcatt aactatctaa 990

<210> 563
 <211> 453
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (17)

<400> 563
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 ggggttttcgg ccaaaatgat tcgttattat gaggaggcag gattaattcc ttctgtctct 120
 agaaccgcag ctggataccg gatatacaaa gatgtagatg tctataaatt acattttata 180
 cgccgttgcc gagagctcgg tttttctctg tctcaaacgg gagatcttct ctctctttgg 240
 ggaaatcatt cgcgccagag tgcggatgtg aaaaaattag ttgaatcaca tataaatgat 300
 ttgacttcaa aaatagaaga acttcagcgt attgcatcga cccttacaac gctttcagat 360
 tgttgccgcg gtgatgataa accagattgt ccaattctga gggcactgta tctggcggag 420
 acttcgcgta aggacaagga aaatagtcct tga 453

<210> 564
 <211> 933
 <212> DNA
 <213> Enterobacter cloacae

<400> 564
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<210> 565
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 <213> Enterobacter cloacae

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<210> 566

<211> 1299

<212> DNA

<213> *Enterobacter cloacae*

<400> 566

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<210> 567

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 567

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<210> 568

<211> 291

<212> DNA

<213> Enterobacter cloacae

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<210> 569

<211> 2382

<212> DNA

<213> Enterobacter cloacae

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<210> 570

<211> 279

<212> DNA

<213> Enterobacter cloacae

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<210> 571

<211> 921

<212> DNA

<213> Enterobacter cloacae

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<211> 573

<212> DNA

<213> Enterobacter cloacae

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<210> 573

<211> 282

<212> DNA

<213> Enterobacter cloacae

<400> 573

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<210> 574

<211> 2100

<212> DNA

<213> Enterobacter cloacae

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<210> 575

<211> 945

<212> DNA

<213> Enterobacter cloacae

<400> 575

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<210> 576

<211> 1200

<212> DNA

<213> Enterobacter cloacae

<400> 576

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ccacagatta	tggaaatggg	gaactggtcg	aatgaagaaa	tggttatgcg	ctacattcgc	1140
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<210> 577

<211> 1032

<212> DNA

<213> Enterobacter cloacae

<400> 577

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gactcgctca	agtgtttttt	ttcgaacacc	ccccgatga	tggcaaacct	gatgactgtc	180
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<210> 578

<211> 606

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (59)

<400> 578

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<210> 579

<211> 303

<212> DNA

<213> Enterobacter cloacae

<400> 579

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atctcagcct	gtttcggttt	ccgggcgggc	tttatcgtga	cggtggcgt	cgctgctgtc	300
aac						303

<210> 580

<211> 438

<212> DNA

<213> Enterobacter cloacae

<400> 580

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ctggggaaa	accgccagcg	cgacgggtgc	agcgttcttc	aggggaagcc	ggaggaaagtc	180
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gttctgatgc	ccggactcga	taaagaccac	tacaccgtgc	tgtgggttga	gcaccgggac	360
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ggtccaacca	tactatga					438

<210> 581

<211> 432

<212> DNA

<213> Enterobacter cloacae

<400> 581

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tgggtaacag	aagatgagca	ccgccgtctg	ctggaacgct	gcgacggtaa	acagctcgcg	180
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cgccagggtta	acgccgggtg	cagtagcggt	ctcgaccgcg	tgaggtcggt	cgccgcgctg	360
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<210> 582

<211> 993

<212> DNA

<213> Enterobacter cloacae

<400> 582

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<210> 583
 <211> 1185
 <212> DNA
 <213> Enterobacter cloacae

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 cttccgggtg gggacgagtt cgtacctcgc tttaaagcga cgctggaact cggtatctgc 480
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<210> 584
 <211> 912
 <212> DNA
 <213> Enterobacter cloacae

<400> 584
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 ctgaagcagt aa 912

<210> 585
 <211> 1032
 <212> DNA
 <213> Enterobacter cloacae

<400> 585
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ccgcatgcat aa 1032

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<210> 586

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 586

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ctgattgttg ctcaactccac cgtgtacgag ccagtgcgta aagaagtga gggctacgtg 180
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<210> 587

<211> 1002

<212> DNA

<213> Enterobacter cloacae

<400> 587

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gtggctggga ttgtaggaga gtcgggctcc ggtaagtcag tgagttcgct ggcgattatg 180
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<210> 588

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 588

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<210> 589

<211> 717

<212> DNA

<213> Enterobacter cloacae

<400> 589

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<210> 590

<211> 327

<212> DNA

<213> Enterobacter cloacae

<400> 590

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<210> 591

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 591

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<210> 592

<211> 276

<212> DNA

<213> Enterobacter cloacae

<400> 592

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<210> 593

<211> 1428

<212> DNA

<213> Enterobacter cloacae

<220>

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<222> (713)

<400> 593

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<210> 594

<211> 1863

<212> DNA

<213> Enterobacter cloacae

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<210> 595

<211> 567

<212> DNA

<213> Enterobacter cloacae

<400> 595

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<210> 596

<211> 222

<212> DNA

<213> Enterobacter cloacae

<400> 596

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<211> 1779

<212> DNA

<213> Enterobacter cloacae

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<210> 598

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 598

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<210> 599

<211> 425

<212> DNA

<213> Enterobacter cloacae

<400> 599

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<210> 600

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 600

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<210> 601

<211> 774

<212> DNA

<213> Enterobacter cloacae

<400> 601

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<211> 204

<212> DNA

<213> Enterobacter cloacae

<400> 602

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<210> 603

<211> 3627

<212> DNA

<213> Enterobacter cloacae

<400> 603

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 <211> 570
 <212> DNA
 <213> Enterobacter cloacae

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 <213> Enterobacter cloacae

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 <211> 990
 <212> DNA
 <213> Enterobacter cloacae

<400> 606

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<211> 1005

<212> DNA

<213> Enterobacter cloacae

<400> 607

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<210> 608

<211> 1236

<212> DNA

<213> Enterobacter cloacae

<400> 608

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<210> 609

<211> 896

<212> DNA

<213> Enterobacter cloacae

<400> 609

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<210> 610

<211> 789

<212> DNA

<213> Enterobacter cloacae

<400> 610

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<212> DNA

<213> Enterobacter cloacae

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<210> 612

<211> 1332

<212> DNA

<213> Enterobacter cloacae

<400> 612

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<210> 613

<211> 396

<212> DNA

<213> Enterobacter cloacae

<400> 613
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<210> 614

<211> 1089

<212> DNA

<213> *Enterobacter cloacae*

<400> 614
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<210> 615

<211> 414

<212> DNA

<213> *Enterobacter cloacae*

<400> 615
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 ggcgatgttc ctgatgttgt acaagagtct tttattaagg cctatcgcg gctggattca 240
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 aattatttgg ttgctcaggg ccggcgctcc ccttcaagt atgttgacgc tatcgacgca 360
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<210> 616

<211> 915

<212> DNA

<213> *Enterobacter cloacae*

<400> 616
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<210> 617

<211> 771

<212> DNA

<213> Enterobacter cloacae

<400> 617

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<210> 618

<211> 1557

<212> DNA

<213> Enterobacter cloacae

<400> 618

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<210> 619

<211> 741

<212> DNA

<213> Enterobacter cloacae

<400> 619

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cggaaaagtga	aaacgcacgc	g				741

<210> 620

<211> 861

<212> DNA

<213> Enterobacter cloacae

<400> 620

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acccgtgttg	ttgatgatgt	cgttaaaaaac	gcgcgcgtca	aaacccaaaac	gtacgagcaa	120
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<210> 621

<211> 930

<212> DNA

<213> Enterobacter cloacae

<400> 621

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<210> 622

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 622

ggattatttta	agatgaaact	taaattagtt	gcagtggcag	tgacttccat	gttggcagct	60
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aaagttactg	gtctgcacta	tttttctgat	gatgctggta	gcgacggcga	caaaacgtat	180
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acctggacgc	agactgatgg	cttcatgacc	ggccgtacca	ctggcgttgc	aacctaccgt	480
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<210> 623

<211> 282

<212> DNA

<213> Enterobacter cloacae

<400> 623

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gccggaacaa	cagccgcgat	gctgggattc	gctcccaaaa	tggcgctggc	tcaggcacgc	180
aactataaac	tgctgcgcgc	gaaagagatc	cgtaacacct	gcacatactg	ctccgtgggt	240
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<210> 624

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 624

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<210> 625

<211> 2460

<212> DNA

<213> Enterobacter cloacae

<400> 625

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<210> 626

<211> 717

<212> DNA

<213> Enterobacter cloacae

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aaaggcatga	ttgaaggga	ggtgagccgc	cgctgggcgc	aaaaacacca	tccgcgctgg	660
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<210> 627

<211> 270

<212> DNA

<213> Enterobacter cloacae

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<400> 627

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gctgaatttg	gcatcatggg	cgtgctgaca	gaactggccc	atgatacggg	catttcgatt	180
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<210> 628

<211> 885

<212> DNA

<213> Enterobacter cloacae

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ggctgtaagg	cctgccaggt	ggcctgctcg	gagtggaaacg	atatccgcga	cgaggtgggg	180
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<210> 629

<211> 297

<212> DNA

<213> Enterobacter cloacae

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 atcactcttt atgacgttgc ccgcgtggca ggcgttnnnn nnnnnnnnnn nnnnnnnnnn 120
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nggtccggca ggccatggcg 180

gcgctacact	atgtgcccaa	ccgtggcgcg	cagcagctgg	ccgggaaacg	cacccgcacg	240
ctggggccga	tcaccagtnt	ttacctagcg	gccgggacga	tccaacgatt	gcaactc	297

<210> 630

<211> 453

<212> DNA

<213> Enterobacter cloacae

<400> 630

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gtgttgatcg	tcggctacct	cctcggggga	gcgtttggcg	ttggaaccgt	gctgtatgca	360
ttaaccatcg	gcccgtgat	ccagctctgt	ttgccgtggt	ttcgccagag	accgcgcatt	420
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<210> 631

<211> 483

<212> DNA

<213> Enterobacter cloacae

<400> 631

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cgagatattg	aaaataatta	tcgccattat	gataataacc	atctggaaaa	attgttattt	180
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catgtccagc	atcgtattaa	tgaattaata	gcgctagaaa	aacaacttca	agaacttaat	360
gatgtttgca	atgcagaccg	tagcgtagac	gaatgtggga	tagtccaaaa	actgacagct	420
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<210> 632

<211> 468

<212> DNA

<213> Enterobacter cloacae

<400> 632

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<210> 633

<211> 243

<212> DNA

<213> Enterobacter cloacae

<400> 633

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<210> 634
 <211> 1641
 <212> DNA
 <213> *Enterobacter cloacae*

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 tgtgttggtgac gagtcgaagc cgccttaacg aaagttgagg gtgtggaaag cgtaagtgtg 180
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<210> 635
 <211> 2556
 <212> DNA
 <213> *Enterobacter cloacae*

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<210> 636

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 636

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<210> 637

<211> 866

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (21)

<400> 637

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<210> 638

<211> 681

<212> DNA

<213> Enterobacter cloacae

<400> 638

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<210> 639

<211> 2520

<212> DNA

<213> Enterobacter cloacae

<400> 639

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<210> 640

<211> 1311

<212> DNA

<213> Enterobacter cloacae

<400> 640

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<210> 641

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 641

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435

<210> 642

<211> 669

<212> DNA

<213> Enterobacter cloacae

<400> 642

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<210> 643

<211> 849

<212> DNA

<213> Enterobacter cloacae

<400> 643

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<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 644

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<210> 645
 <211> 1767
 <212> DNA
 <213> Enterobacter cloacae

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<210> 646
 <211> 822
 <212> DNA
 <213> Enterobacter cloacae

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 aatgcgggta cccctctgac caccagcgcc acgcccgtga tgaccgtgga cgtatgggaa 720
 cacgcctatt acattgatta ccgtaatgcg cgcccgaact acctggaaca cttctgggca 780
 ctggttaact ggaatttgt tgcgaagaac ttcgccgcgt aa 822

<210> 647
 <211> 414
 <212> DNA

<213> Enterobacter cloacae

<400> 647

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ggtgccgcga	ttgccatggt	ggtgtggggc	gccgcaacct	ttgccgtggt	gccaccgttg	180
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ggtgcgttta	acctgggcaa	tgcgctgggg	gccgcagcgg	gcggggcggt	gatctccggt	300
ggtttgggtt	atagctttgt	gccggtgatg	ggggcgatca	ttgccgcact	cggcctgctg	360
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<210> 648

<211> 360

<212> DNA

<213> Enterobacter cloacae

<400> 648

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gttcaggcgc	tgtccgcctg	tggtgagcgt	tttgcttacg	ttgatatact	gcaaaaacccg	180
gacattcgcg	ctgaattggc	aaaatacgca	aactggccga	ccttcccaca	gctgtgggtt	240
gatggtgaac	tggttggcgg	atgcgacatc	ctgattgaaa	tgtatcagcg	cggcgaactg	300
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<210> 649

<211> 633

<212> DNA

<213> Enterobacter cloacae

<400> 649

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tcagatacag	cgcgtctgct	tcttcgttcg	gaccgttgct	gacgttctgg	aaagtaccga	180
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ggatctcgtc	cagctccagc	gcgcgtggcg	tggtgggtgc	aacgcggatc	gcattaccgt	480
tttcatcgcg	cagggaaagt	cgggtatttg	cgttcagggc	agaagcagaa	accggcgctt	540
gaccgccagg	ctggatgctg	ctgtgtgaga	tacgaccggt	gtgccacagc	tgaaccgcaa	600
tacggccatc	ttcagcatga	acacctgcgg	tga			633

<210> 650

<211> 231

<212> DNA

<213> Enterobacter cloacae

<400> 650

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acctgtatga	agggcactac	ccaggataac	tgggaaacag	caggtgcgat	tgctgggtgg	180
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<210> 651

<211> 2973

<212> DNA

<213> Enterobacter cloacae

<400> 651

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gtcaccatta	cgctgacgtt	cgagtcgggt	acggatcctg	atatecgcca	ggtgcaggtt	180
cagaacaaac	tccagctcgc	catgccgctg	ctgccgcaag	aagtgcagca	gcaggggatt	240
ggcgtggaga	aatccagcag	cagcttcctg	ctggttgca	gctttgtgtc	ggacaataaa	300
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cgtacttccg	gcgtcgggtga	cgtgcaactg	ttcgggtgcc	agtatgcaat	gcgcactctg	420
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ggcgggatgc	tgtcagccac	cctcttgcc	attttctttg	ttcctgtttt	ctttgtgggt	2940
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<210> 652

<211> 495

<212> DNA

<213> Enterobacter cloacae

<400> 652

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aacaacgcag	cgccgctttc	gatcaccgtt	ttcgaaaagg	cagaccaacc	cggtgtcgga	180
atgccctaca	gcgacgagga	taattcccg	ctgatgctgg	cgaacatcgc	cagtattgaa	240
ataccgcca	ttttcatcac	ttacctggac	tggctcaa	agcagaatgc	ggccgcctt	300
gcccgtata	acgtcgacag	tgagaagctg	cacgaccggc	aatttctgcc	ccgtattctg	360

ctgggtgaat	atttccacga	ccggtttctc	gctggtgctg	ccgagggcga	caacgctggg	420
tttcatatcg	aagttcaccc	caccgcagaa	attcctgata	ttaacgctga	tgccaacgcg	480
tggcccttc	attga					495

<210> 653

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 653

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aagcgacaag	atataaacgc	attaaagaat	tttgattttc	tggcacgcag	ttttgcccgt	180
atgtacgccc	agggccagcc	agttgatatc	gatgccgtga	ccggcaatat	gagtaataaa	240
cagcaggcat	ggttccggga	gcgatatgac	cactaccgaa	agcaggctga	gcgggcgaga	300
gtaatagaac	tgcgatga					318

<210> 654

<211> 522

<212> DNA

<213> Enterobacter cloacae

<400> 654

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aaggcacgca	taaacttaaa	gctggctctg	catacaggtg	gcgcgcacaaa	gaaaatcgaa	120
ctgccgctta	aactcctcac	cgtcggtgat	ttcagtaattg	gaaaagagaa	tcgcccatta	180
tcggaaaggg	agaaaattaa	cgtaataaaa	aataaacttca	acagcgact	ttcggaattt	240
aaccgggaag	tgaatctgac	ggttcctaac	acaatggccg	gggatggctc	ggaagaaagc	300
ataaaaactga	atttctccga	tattaaggat	ttcgaacctg	aacaggttgc	ccgccagatc	360
ccccagctcc	gcgccatgct	ggccatgcgt	aatttattac	gcgacctcaa	atccaatctc	420
cttgataacg	ccactttcag	aaaagaactc	gagaaaattc	tcaaagaccc	ggcgctgtct	480
caggaattac	gcgacgaaat	gagtgcactg	gccccgaaat	aa		522

<210> 655

<211> 438

<212> DNA

<213> Enterobacter cloacae

<400> 655

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cttcttacgg	tcagtgtact	ttttaacatg	caggctgatg	ccgcccgtgg	aagacagccc	120
tgctctggct	caaaagggtg	catagcacac	tgtacatcgg	atggtcgttt	tgtctgcaat	180
gacggaagtc	tgagccagtc	gaagcgattc	tgttcagggt	atggtgcctc	cgaaactgcc	240
cggcaggtaa	aaccctcccc	ctccgccagg	aaagcgcaga	cgaaaaagag	aatagccgtg	300
aaaggccagg	agcagcgtgt	tgtagaaaac	aatgcgcagt	tcgatacaca	accgcggcaa	360
cctacatgcg	cccctctcta	tatggccaac	aagcccggat	tcacccattt	acccatttgt	420
tcaggtaatc	agtattaa					438

<210> 656

<211> 543

<212> DNA

<213> Enterobacter cloacae

<400> 656

aaagcgggta	aggaacacct	gcccataaga	catgaacttt	ttgaatattc	ttttttactg	60
ttcaggaggt	acatgatgac	tctcagaacc	tttcccgtgt	tgaacgatct	ctccgactct	120
ctgtttgccg	accgttttaa	ccgtatcgat	cgccttttta	gccagctaac	cggcagtagc	180
ccgttgccct	ccacgccttc	ttacaatatc	cggcggctgg	gcgataaccg	ctatgaactg	240
acgctcagcg	tgccgggctg	gaaagagagc	gaactggaaa	ttgaaaccgt	tggcgggtcag	300
ctgaatatca	gcggtaaacg	tgaagaggag	aaaaccgaaa	acggcgaaga	agggtggatc	360
catcggggta	tcagccgcag	cgacttccgg	gccagctata	gtctgccgga	gcatgtgaaa	420

gtgaccggcg	cttcgctgga	aaacggctta	ctggcaattg	aattacacca	ggatatcccc	480
gaagaagaga	aaccgcagcg	catcgccatc	aacaacaacc	cggcgattga	acataagccg	540
taa						543

<210> 657

<211> 669

<212> DNA

<213> Enterobacter cloacae

<400> 657

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tctcttaacg	ggaaactgca	taatattcaa	cgttcttttg	atgatatcgc	ttctggcagc	180
atcattcttc	tcgatatgat	ggaagcggat	aaaaaactca	ttcattactg	gcaagataat	240
ttaagcagga	aaaacaataa	tatccgcgta	ttgttattaa	atacgctga	tgagtatcct	300
ttccgcgaaa	ttgagagctg	gccgcataatt	aacggcgtgt	tttacgtcac	tgaagaagaa	360
aaccgtgtcg	tggagggttt	gcagggcata	ttgcgggggg	agtgttattt	ctcgcagaaa	420
ctggccagct	acctcattac	ccactccgga	aattatcgct	ataacagttc	ggaatcggcc	480
cttctgacgc	accgtgagaa	agagatcctg	aacaaactgc	gtattgggtg	ttcaaattatt	540
gaaatcgccc	gttcgttatt	tatcagcgaa	aatacggtta	agacgcatct	ttataatctt	600
ttcaaaaaga	tagctgttaa	aaatcgcacg	caggcgggtg	cgtgggcaaa	cgataacctc	660
aggcgtaa						669

<210> 658

<211> 450

<212> DNA

<213> Enterobacter cloacae

<400> 658

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ttaatgctca	ttgcgccgtt	gagctgggcc	ggaaatatga	cattccagtt	ccgcaaccct	120
aattttggcg	gcaacccgaa	taacggagcc	tttatgctta	accaggctca	ggctcaaaac	180
tcctataaa	acccagcta	tgacgatgat	ttcggtatcg	agaccccgtc	agccctggat	240
aattttactc	aggccatcca	gtcgcaaata	ttaggtggct	tattaactaa	cattaatacc	300
ggaaaacccg	gccggatggt	cactaacgac	tttatcgctg	atattgocaa	taaagacggg	360
cagcttcagt	taaatgtgac	agaccgaaaa	accggtaaaa	cgtcgacaat	ccagggtttcc	420
ggtttgcaga	ccagttcaac	tgattttctaa				450

<210> 659

<211> 450

<212> DNA

<213> Enterobacter cloacae

<400> 659

ctgttaaaaa	tcgcacgcag	gcggtgtcgt	gggcaaacga	taacctcagg	cgtaaatagc	60
atgaaacgca	ccttaagttg	gattgccgcc	gcaggcatta	tgcttgctgc	cggaaacctt	120
caggctgttg	aggtagaagt	tcccggactg	ttaaccgacc	acaccgtcac	ctctgtcggg	180
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gttattttacc	agactttttt	attcccaacg	aaaagagact	tcgatcagaa	cgctcgctttc	360
gcgctgtgcac	aaacagaaga	agctattaac	cgcttacagt	tagacaaagc	ccttttgagc	420
acaggcgatt	tagcaaaaaga	tgagtttctaa				450

<210> 660

<211> 867

<212> DNA

<213> Enterobacter cloacae

<400> 660

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atgcctcgtg	cccagageta	tccgggatctt	acacatctgc	cgggtcccaac	cggaaagata	180
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aacttctcga	cagccgtacc	gcagagcgcc	accgcgatgc	tggttaccgc	cctgaaagat	300
tctcgtcgtg	ttatcccgtt	ggaacgtcag	gggctgcaaa	acctgcttaa	cgaacgaaaa	360
atcattcgtg	ccgcgcagga	gaatggtacc	gttgccgtca	ataaccgcat	gccgctacag	420
tctctcaccg	cagccaatat	catggtggaa	ggctcgatta	tcggctacga	aagtaacgtg	480
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ggcttgtggg	atcttcagaa	taaaagtgc	gtgagtaatg	cgggtgctgg	gaaatatcgt	840
gagatgtcgg	tgccgccaga	gtcataa				867

<210> 661

<211> 567

<212> DNA

<213> Enterobacter cloacae

<400> 661

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gagctggaag	aagagaacga	agagtga				567

<210> 662

<211> 579

<212> DNA

<213> Enterobacter cloacae

<400> 662

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aaaggcagcg	cgtggcgcgc	gcattgtgaa	atcctgggg	acgccatgac	cggcattgtg	360
gccttcctga	tgtgcgttca	ggcaaaacat	ctgctgttgt	cctttgtgcc	cggcacattc	420
atgggtgcct	gcgcgacctt	tgccagggcag	ggggactgga	agctgggtgg	cccttcgctc	480
atgctgggg	tactgttttg	ctacgccatg	aagaacagcg	gcctctggct	tgccggccga	540
cgcgagaaga	gccagagcgt	tctgcggta	agtaataa			579

<210> 663

<211> 801

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (158)

<400> 663

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tttgcggtga	cggagggtgg	gcagacattc	tatcagcact	gtaaagctat	gctgggtggag	120
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<210> 664

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 664

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<210> 665

<211> 951

<212> DNA

<213> Enterobacter cloacae

<400> 665

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<210> 666

<211> 774

<212> DNA

<213> Enterobacter cloacae

<400> 666

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<210> 667

<211> 1527

<212> DNA

<213> Enterobacter cloacae

<400> 667

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<210> 668

<211> 1104

<212> DNA

<213> Enterobacter cloacae

<400> 668

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<210> 669

<211> 873

<212> DNA

<213> Enterobacter cloacae

<400> 669

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<210> 670

<211> 873

<212> DNA

<213> Enterobacter cloacae

<400> 670

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<210> 671

<211> 1557

<212> DNA

<213> Enterobacter cloacae

<400> 671

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<210> 672

<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 672

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<210> 673

<211> 1173

<212> DNA

<213> Enterobacter cloacae

<400> 673

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<210> 674

<211> 1188

<212> DNA

<213> Enterobacter cloacae

<400> 674

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<211> 858

<212> DNA

<213> Enterobacter cloacae

<400> 675

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<210> 676

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 676

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<211> 7962

<212> DNA

<213> *Enterobacter cloacae*

<400> 677

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<211> 1248

<212> DNA

<213> Enterobacter cloacae

<400> 678

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<210> 679

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<400> 679

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<210> 680

<211> 426

<212> DNA

<213> Enterobacter cloacae

<400> 680

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<210> 681

<211> 1206

<212> DNA

<213> Enterobacter cloacae

<400> 681

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<210> 682

<211> 1170

<212> DNA

<213> Enterobacter cloacae

<400> 682

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<210> 683

<211> 1035

<212> DNA

<213> Enterobacter cloacae

<400> 683

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<210> 684

<211> 1179

<212> DNA

<213> Enterobacter cloacae

<400> 684

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<210> 685

<211> 759

<212> DNA

<213> Enterobacter cloacae

<400> 685

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<210> 686

<211> 1176

<212> DNA

<213> Enterobacter cloacae

<400> 686

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<210> 687

<211> 966

<212> DNA

<213> Enterobacter cloacae

<400> 687

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<210> 688

<211> 879

<212> DNA

<213> Enterobacter cloacae

<400> 688

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<210> 689

<211> 663

<212> DNA

<213> Enterobacter cloacae

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<210> 690

<211> 666

<212> DNA

<213> Enterobacter cloacae

<400> 690

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<210> 691

<211> 612

<212> DNA

<213> Enterobacter cloacae

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gccaggggaa	catccgtgcg	catgggaacc	cttgaccgcg	taggtacgaa	catccagttg	540
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612

<210> 692

<211> 1335

<212> DNA

<213> Enterobacter cloacae

<400> 692

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<210> 693

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 693

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aatattgagt	acattcatga	gtttgaaaaa	tcttttcgcc	acccgcgtaa	ctggggcgcc	180
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<210> 694

<211> 858

<212> DNA

<213> Enterobacter cloacae

<400> 694

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<210> 695

<211> 771

<212> DNA

<213> Enterobacter cloacae

<400> 695

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gagtgtcagg	tttaccgtat	tgaccactat	ctgggcaaag	agacggttac	tgaacttgct	660
ggcgtggcgt	tttgccaact	cctgtttgt	gaacaaatgg	gacaaccgca	ctatcgacca	720
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<210> 696

<211> 759

<212> DNA

<213> Enterobacter cloacae

<400> 696

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cgcactatcg	accacgtgga	aattaccgtg	gcggaagagg	tgggcatcga	agcccgttgg	180
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tggcaggaac	tgccgcagaa	caaactgacc	atccgtctgc	aaccggacga	gggtgtggat	660
attcagatcc	tgaacaaagt	gccgggtctt	gatcacaac	acaacctgca	aaccaccaag	720
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<210> 697

<211> 942

<212> DNA

<213> Enterobacter cloacae

<400> 697

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<210> 698

<211> 1554

<212> DNA

<213> Enterobacter cloacae

<400> 698

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<210> 699

<211> 240

<212> DNA

<213> Enterobacter cloacae

<400> 699

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gtcagcgacg	gcaagcctac	agaatcagac	tcaggcctgc	tgggctataa	agacgcaaat	180
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<210> 700

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 700

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<210> 701

<211> 213

<212> DNA

<213> Enterobacter cloacae

<400> 701

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atgcaacggg	agaacgcagc	gctgagcgag	cgcgctacgg	acttgagcac	gcagggtgctg	180
agtttaagcg	agcagctgcg	ccggttgctg	taa			213

<210> 702

<211> 336

<212> DNA

<213> Enterobacter cloacae

<400> 702

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<210> 703

<211> 708

<212> DNA

<213> Enterobacter cloacae

<400> 703

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<210> 704

<211> 3273

<212> DNA

<213> Enterobacter cloacae

<400> 704

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ggcgaatggc	cagcgccgat	aactaccgat	tacaccgatg	aactgaacga	cttcgacctg	3240
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<210> 705

<211> 1095

<212> DNA

<213> Enterobacter cloacae

<400> 705

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gcgcagggca	ctgctaccgt	tcctaaacac	ctgcagggca	accaggccga	ctgcatggct	180
gtagcgatgc	aagcggcaca	gtggcagatg	aatccctttg	ccgtggcgca	gaagacgcac	240
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ggcgtgctgg	ccagccgctt	tgaatatgaa	tggtacggac	catgggaaaa	ggttgttggg	360

aaattccata	tccgtaaagg	cgacaaaggc	gagtaccgcg	tcccgggctg	gaccctggct	420
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ccacgccagc	agctggcata	tctggctgtc	aaacgctggg	ccagactggt	ctgcccggat	600
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gatgagccgg	atgcagctgc	gcggttcgcg	gaagtagagc	gcgttcttgc	agcgtcgaaa	1020
cgccatctgg	gcgacgaatt	gcattggtcag	ttcagcatca	ccctggcgga	tatgaaaccg	1080
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<210> 706

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 706

accatgtcgc	aggtaatttt	taacgaagaa	tgggttggtg	gcgcaaggct	cacagaaaaa	60
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cattttaaac	gggtgtctcc	ttctggcgaa	aaaaccttgc	gtggcacaac	ctggtacaac	180
tatccgagaa	ttaatcagtt	aataagggat	gcgtaa			216

<210> 707

<211> 210

<212> DNA

<213> Enterobacter cloacae

<400> 707

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tatcgcaacg	gcgcacagct	ggcgcgcaaa	gaaaaagaat	actgctctga	acgttgtgtc	180
tcgtacgacc	agatggccca	cgaggcataa				210

<210> 708

<211> 1251

<212> DNA

<213> Enterobacter cloacae

<400> 708

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ccggcgaaca	tcaaaaaagc	cgggaaacct	cgggctgtga	tcggttagcg	aatcaacctt	180
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gaaatttagcg	cgaataccat	gcgtaagacg	cgcttacaac	tcggtacggt	aatgcacatc	360
attaacggag	atagcctgt	ttcagctata	cgccacagcg	acattctgaa	atacagaaag	420
gagctgttga	acggtgagac	actttacctg	gcaaatecca	gaagtaacaa	acagggacga	480
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<210> 709
 <211> 252
 <212> DNA
 <213> Enterobacter cloacae

<400> 709						
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ctcaacctgt	tgggttatct	cggtgcgttt	gtcatggttg	cgggcgcgat	gtattccgcc	180
attggtcatc	gtctctgggg	gcgttggcgc	aaaaatgaag	cggttgtaat	agtccccgc	240
tcaggcgaat	ga					252

<210> 710
 <211> 1191
 <212> DNA
 <213> Enterobacter cloacae

<400> 710						
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ggcggtaacg	gttgtgtaag	cttccgccgt	gaaaaatata	ttcctcgtgg	cggtcctgac	120
ggcggtgacg	gtggggacgg	tggcgacgtg	tggctggagg	cggatgaaaa	cctcaacacg	180
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taccaccgcc	agcagctcga	agagctggaa	gcggaagaag	atgatgaaga	ctggggacgat	1140
gactgggatg	aagacgacga	agaaggcgctc	gagttcatct	acaagcacta	a	1191

<210> 711
 <211> 366
 <212> DNA
 <213> Enterobacter cloacae

<400> 711						
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aacgggtgaag	aagtcaaaat	cggcgttcct	ttcgttgatg	gcggcgttat	caaagctgaa	240
gttggttgctc	acggtcgtgg	cgagaaaagt	aaaatcgtta	agtttcgctg	tcgtaaacac	300
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gcctaa						366

<210> 712
 <211> 843
 <212> DNA
 <213> Enterobacter cloacae

<400> 712

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gggtattctt	tggcgctcac	taccgcaatg	tgctgggggtg	cgctgccaat	tgcaatgaag	180
caggtagctg	aagtcattga	gccaccgacg	gtgggtgtttt	atcgcttcct	gatggcaagc	240
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aaaccgcgtt	ggctgggtgt	actggctatc	gcgacgggcg	gtctgttcgg	taacttcatt	360
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cagcagatcc	tctttttgct	gtacactttg	tgtacactgg	cattattgcc	tttagcgaaa	720
ccgggtgtaa	ttaccagctt	cagcgactgg	caactggcgt	gcctcatttt	ttgtgggctg	780
aatacgctgg	tcggttatgg	cgcgctggct	gaagccatgg	cgcgctggca	ggcacacagg	840
tga						843

<210> 713

<211> 480

<212> DNA

<213> Enterobacter cloacae

<400> 713

caaatgcaag	ctattccgat	gaccttacgt	ggtgccgaaa	aactgcgcga	agagctggat	60
tttctgaaat	ccgtgcgtcg	ccctgaaatc	atcgccgcta	tcgcggaagc	gcgtgagcat	120
ggcgacctga	aagagaatgc	tgaataccac	gcgcgcgcgtg	agcagcaggg	tttctgtgaa	180
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gacgaagagc	agacctatcg	catcgtgggt	gatgatgaag	ctgacttcaa	acagaacctg	360
atttcgggtg	actcgccaat	tgctcgtggc	ctgattggca	aagagcagga	cgatgtggtc	420
accatccgca	cccctgggtg	tgaagtggaa	tacgaaatta	ttaaggttga	atatctgtaa	480

<210> 714

<211> 258

<212> DNA

<213> Enterobacter cloacae

<400> 714

atggcacata	aaaaggctgg	cggtccaca	cgtaacggctc	gcgattcaga	agctaaacgc	60
ctgggcgtta	agcgtttcgg	tggcgaatcc	gttctggcgg	gtagcatcat	cgttcgtcag	120
cgtggcacca	agttccacgc	gggtaccaac	gtaggttgcg	gtcgtgacca	cactctgttt	180
gctaaagcag	acggtaaagt	gaaatttgaa	gttaaaggcc	cgaacaaccg	taaatacatc	240
agcatcgctt	ctgagtaa					258

<210> 715

<211> 1095

<212> DNA

<213> Enterobacter cloacae

<400> 715

agatcgcatc	aaaaccgtac	gcggcgtggg	ttaccgtctg	gagagccaga	aatgaacagt	60
atgcgccggc	gattaatggg	gttgctggcg	gttattctgc	tattttttca	actcattagc	120
gtagtctggc	tgtggcatga	gagccgcgag	cagatcggtt	ttctggtgaa	cgaaacgttg	180
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ggtcatttaa	cgctggagaa	cggcgctgag	ggcggcctca	tcgccagctg	ttgggttaccg	1080
acgaaaatag	gataa					1095

<210> 716

<211> 375

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(29)

<220>

<221>unsure

<222>(30)

<400> 716

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caacgtaagc	aaaaatatac	gatgaatctg	agtactaaac	aaaaacagca	ccttaaaggt	120
ctggcacatc	cgctcaagcc	tgtagtgatg	cttggcaaca	atggtttgac	cgaaggggtg	180
cttgccgaga	ttgaacaagc	gctggaacac	cacgagctga	tcaaggtgaa	aatcgccctc	240
gaagacagag	acactaaaaa	cctgatcgtg	gaagccatcg	tgcgcgaaac	cggcgcctgt	300
aatgtacagg	tcatecggtaa	aacgctgggtg	ctctatcgcc	catctaaaga	gcgcaaaatc	360
tcgctgccac	gttaa					375

<210> 717

<211> 669

<212> DNA

<213> Enterobacter cloacae

<400> 717

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gcgctgggca	atgagggcta	cgccctggat	tgtgccgcca	cggccgctga	agcagatgcc	120
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cagcaggtgc	tgcgccagtc	tcagcctgtg	gaagtgacct	caaaagagtt	cgctctgctg	480
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cgcaagctcg	gtaaagatcg	catcaaaacc	gtacgcggcg	tgggttaccg	tctggagagc	660
cagaaatga						669

<210> 718

<211> 1443

<212> DNA

<213> Enterobacter cloacae

<400> 718

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ctgatgggtg	agaagggttg	cgcgaggtct	cccagatttg	actatcacag	tcaacagatg	180
gcgctgcctg	ccagtaccca	gaaggatgat	accgcctcgc	ccgctctgct	ccagctcggg	240
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gacacctcca	ttttcgccag	ccacgataaa	gcgcctggct	ggccatggaa	cgacatgacg	480
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cgcatggcat	ttgtgcagta	tctttccggc	tatgccgtcg	aaccggctga	ccagcgcaat	1380
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<210> 719

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 719

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tgggaccact	ggggaaatca	atctgaatta	ccagctgttg	agcttatacc	ggcagttgcc	660
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<210> 720

<211> 768

<212> DNA

<213> Enterobacter cloacae

<400> 720

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gaatcagttg	cgagtaaagc	actcagaatc	aagccagaac	agcacagttc	agtgatgagg	660
gaaagcgaca	ttgtaccgtc	attaccggct	acgcaaattc	ttcaggagaa	ggcaaaaaag	720
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<210> 721

<211> 531
 <212> DNA
 <213> Enterobacter cloacae

<400> 721
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 cgtgaagcta tggccggtgc tcttggcatg tcagtaacgc agttcaacaa caacctgtat 180
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 aatacgtccc tcctggcgga ttactttgcc cgtcgccgtg gcgcgctgct ggtggacgtt 300
 cctcaacttg aagaccttga tcgtgtcgac ctggttgatc gtgccatgag aacgtcagca 360
 gcgcgtggac gtgttgatac cgtgatccag agagctctcg aagatggagt aatcgaacgt 420
 catgaagctg aagaaatcaa cgaatatcac cgccgtcatc tggcagcgcg tgaagaagag 480
 atcgcgcgca ttgtcgcgct gtttagccgt aagaaaagcc aaaaaaagtg a 531

<210> 722
 <211> 570
 <212> DNA
 <213> Enterobacter cloacae

<400> 722
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 cgcggtgtat gccatctggt caaactgaat cgcgcaaccc gccagcataa cggcaagtgc 240
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 tgtctggctg gccgagcgag gaatgtctga 570

<210> 723
 <211> 417
 <212> DNA
 <213> Enterobacter cloacae

<400> 723
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 aaaggcaggg cataccaaag cgcggcctgt gtcgccattg tcgagcagct tcgcttcctt 180
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 cgccgcgaca tcgacaacta caacaaggct ctgtttgatg cgcttacgca tgctggcatt 300
 tgggaggatg acagccaggt gcagagaatg ctggtggaat gggggcctaa agtgaatggc 360
 ggaagggtag agatatcgat aaccaagcat caaccagcaa tgggggtaat ggtgtga 417

<210> 724
 <211> 456
 <212> DNA
 <213> Enterobacter cloacae

<400> 724
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 tggggttaatt ggtcaaaata caaaatagaa gcagatgtag gttattctcc gattgcagca 180
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<210> 725
 <211> 936
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 725
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 tacagcattg ggctgaacga ggccattgcy ttgcagcagg ttaattactg gctgaaagaa 120
 accacctccg gactggagcg tgacggcggt cgctggattt ataacacaac agagcagtgg 180
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 aaccttggcg tactcaaagt tgatcagctg aacaagtctc agcgcgacat gaccaactat 300
 tacacgatca actacgaaag tgagctttta gatgaggtca aagtgaccaa atcgaagagt 360
 tcaaaatgca ctcttccatc aggtcaaaat gaaccgatgg aagaggtcaa agtggaaacgt 420
 tccatcggtt caaaacgaac cgctctcatc aggtcaaatt gcaactgatgt tcttacagag 480
 aatacaacag agaatactac agatattaaa aaacctatct gtccggttgc accgcaacca 540
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 gagggcttca ccgttgaaga actgtcgctg gtggtggact actgcaatgc caagtggagc 720
 gacgatttaa caatggcgct ctacctgcgc ccgcagacac ttttccagcc aacgaagttt 780
 ccagcttacc tgaagtccgc taccaactgg gcgaatgccg gaaggccagc gcgtgttaac 840
 ggggaagtggg agcgtgagga tggaaatctt aaatccagct tcaagaacac cgagtacagc 900
 aaagtcccgg cgggcttcag aggagcgaac tcatga 936

<210> 726
 <211> 375
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 726
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 ggcttcccac ctacgatgtt ggagcttgca ggattaattg gctgcgcac accgaatgct 180
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 gccaggggca ttaccgtcgt caaaacggaa tgggatgcag atccagtgc gatcatcaaa 300
 ggcttgcttt ccggtggaga taaggccaga gataacgctg ttgaatggct gaaaaaacag 360
 ggagtgcagt tatga 375

<210> 727
 <211> 216
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 727
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 accaaagcgc atgacctgtt tgtgataccg ctgtgcagag cgcatacaga cgagttacac 120
 gctgatcccg tggcatttga agcgaaatac ggcgaccagt taacgctgct gtttcggttt 180
 ttagatcgtg cgctggcaat cggcgtatta gcatga 216

<210> 728
 <211> 1446
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 728
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cggttaa						1446

<210> 729

<211> 1386

<212> DNA

<213> Enterobacter cloacae

<400> 729

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<210> 730

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 730

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aaaggtccgg	ccgcagcggg	caccatgcac	gacctcgcgt	gtgaactgtt	ccctgagtgg	840
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<210> 731

<211> 1725

<212> DNA

<213> Enterobacter cloacae

<400> 731

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gctgaaatgc	ccatggctct	gacgctcgac	cagttaagcc	cgaatcctga	taatccgcga	180
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<210> 732

<211> 804

<212> DNA

<213> Enterobacter cloacae

<400> 732

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aaacatcatc	accgaatacc	ctgtcccgc	ccgggttcgg	aaaccgcacg	tcttcactac	780
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<210> 733

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 733

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<210> 734

<211> 1557

<212> DNA

<213> Enterobacter cloacae

<400> 734

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<210> 735
 <211> 3840
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
 <222> (1546)

<400> 735

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<210> 736

<211> 273

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (206)

<220>

<221> unsure

<222> (256)

<220>

<221> unsure

<222> (261)

<400> 736

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<210> 737

<211> 897

<212> DNA

<213> Enterobacter cloacae

<400> 737

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<210> 738
 <211> 633
 <212> DNA
 <213> *Enterobacter cloacae*

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<210> 739
 <211> 588
 <212> DNA
 <213> *Enterobacter cloacae*

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<210> 740
 <211> 759
 <212> DNA
 <213> *Enterobacter cloacae*

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<210> 741
 <211> 516
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 741

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<210> 742

<211> 912

<212> DNA

<213> Enterobacter cloacae

<400> 742

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<210> 743

<211> 1095

<212> DNA

<213> Enterobacter cloacae

<400> 743

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ctgaacaacc	aggactctaa	acctgatttc	gtggtcgacg	gcgcggatgc	tgaagaaacc	1080
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<210> 744

<211> 240

<212> DNA

<213> *Enterobacter cloacae*

<400> 744

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gcctttccct	tcgccttgat	cccctccttt	tccgtgctcg	ggctggcgct	gggcgatctg	180
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<210> 745

<211> 330

<212> DNA

<213> *Enterobacter cloacae*

<400> 745

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gcgattctgt	gtcgacttga	aacgctggat	aatgtccaga	gtgagcggga	gttattatcc	180
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<210> 746

<211> 1260

<212> DNA

<213> *Enterobacter cloacae*

<400> 746

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<210> 747

<211> 816

<212> DNA

<213> *Enterobacter cloacae*

<400> 747

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<210> 748

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 748

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aaattgcagc	aatgtaaggg	tgtaaaagag	gctcttgagc	gggaagagat	tcagttgtgg	540
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<210> 749

<211> 1881

<212> DNA

<213> Enterobacter cloacae

<400> 749

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<210> 750

<211> 393

<212> DNA

<213> Enterobacter cloacae

<400> 750

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tcgatcgcg	ttggtgaaag	tgagattgat	gcgtggataa	cccaacggat	tgaagagcga	360
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<210> 751

<211> 975

<212> DNA

<213> Enterobacter cloacae

<400> 751

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<210> 752

<211> 2862

<212> DNA

<213> Enterobacter cloacae

<400> 752

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<210> 753

<211> 549

<212> DNA

<213> Enterobacter cloacae

<400> 753

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aacagcgcg	ttctcgttca	ctttacgctg	aagctggatg	acggctctac	ggccgaatcc	180
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<210> 754

<211> 510

<212> DNA

<213> Enterobacter cloacae

<400> 754

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<210> 755

<211> 987

<212> DNA

<213> Enterobacter cloacae

<400> 755

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tcagcgccgg	atattctggt	gcagaacgtc	attgcccgct	tgcaagagct	ggcggtggc	900
gaagcggtgc	cgctggaagg	ccgcgaagag	aacattgtct	ttgaagtgcc	gaaagagttg	960
cgtattgacg	cgcgagaagt	ggaatag				987

<210> 756

<211> 384

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (276)

<400> 756

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ggtgaaacaa	ccttcagccg	tggctttttg	caggcgttag	gccataacgg	gaacgtaaaa	180
agcccacat	acacgctggt	ggaaacgtac	acgcttgaaa	atatcatggt	ggtccacttt	240
gatttatatc	gtcttgccgg	acccggaaga	gccgnaatt	tatggggatc	cgcgattact	300
ttgccaacga	cgccatctgc	ctgggtggagt	ggccgcaaca	agggtgcgggt	gtgctgcctg	360
accggtatgt	cgaaattcac	ttag				384

<210> 757

<211> 1368

<212> DNA

<213> Enterobacter cloacae

<400> 757

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ggcgatagcc	aggcccgcgt	tacgttcagc	tttatgggcg	atcctgaata	tgctttctca	180
caaatcgaca	gccgcagcgt	ggcgctcgat	attaaacaga	ccgggggtgat	ccaggggctg	240

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<210> 758

<211> 1818

<212> DNA

<213> Enterobacter cloacae

<400> 758

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ggggcgaccc	gcattgatata	cgatatcgaa	cgcgggggcg	caaagcttat	tcgcattcgt	180
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agtaaaaattg	cctcacttga	cgatctggaa	gcgattataa	gcctggggtt	tcgcggcgaa	300
gcgctggcca	gtatcagctc	cgtttcccgc	ttaacgttga	cctcccgcac	ggccgaccag	360
caggaagcct	ggcaggccta	cgccgaaggg	cgcgatatgg	acgtcacggg	taaacctgcg	420
gcgcacccgg	taggcaccac	gcttgaagtg	ctggatctct	tctataacac	gcccgcggcg	480
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<210> 759

<211> 324

<212> DNA

<213> Enterobacter cloacae

<400> 759

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gagtctttcg	atcagttcgt	gacctctgtg	aaaaacacgg	tcagccagat	ggtctataag	180
cacgcgattt	ctactgttgt	tccgtcccgt	ccggtatctc	atcacagcaa	taacgctggc	240
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<210> 760

<211> 1692

<212> DNA

<213> Enterobacter cloacae

<400> 760

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cactgtttta	ttttttgccc	taattcattg	agatcgaggg	gctgtgacat	gacggaccat	180
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<210> 761

<211> 225

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (34)

<400> 761

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ccggatgtcg	aaattcactt	agattaccag	gcacaagggc	gtgaggcacg	catcagtgcg	180
gtttcctcat	caggctgttc	cttactggcg	cgttttagccg	gttga		225

<210> 762
 <211> 954
 <212> DNA
 <213> Enterobacter cloacae

<400> 762
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 agcgttgatt cagccctcat ctaccgaggg atggacatcg gcacggcgaa gcccaacgca 180
 gacgaactgc gtgcggcacc gcaccgttta ctggatattc tcgaccggc acaggcttac 240
 tcgcggcgag attttcgccg cgacgcgtta gccgagatgg ccgagattac cgccgcggga 300
 cgcataccgc tgttagttgg cggcacgatg ctctacttta aggcgctgct ggaggggtta 360
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 caggggtggg acgttttgca caggcaactg gaagagattg acccggttgc cgcagcgcgg 480
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 aaaactttaa cggaactgac gcaaacgtca ggagacgctc tgccgtatca ggtgcatcag 600
 ttcgccatcg ccccggcgag ccgtgaactg ctccatcaac gaattgagca gcgttttcat 660
 cagatgttgg cttcagattt tgaagcagaa gtgcgggcgc tttttgcccg tggagatttg 720
 catacggaca tgccttccat tcgttgtgtg ggtaccgcc agatgtggtc gtatcttgaa 780
 ggcgagattt catacgtatg aatggtttat cgaggtgttt gcgccacgag acagtttagc 840
 aagcgcaga tcacctggtt acgcggttgg aagggggttc actggttaga cagtgaaaaa 900
 ccacaacagg cgttaaacga agtgattgag gttattggtg atatcgctga ctga 954

<210> 763
 <211> 372
 <212> DNA
 <213> Enterobacter cloacae

<400> 763
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 gccggtgtcg aagcaatgca ggtgattacc ggtagccgta aagcgcgcga cccgaagtat 180
 tttgtaggtg aaggtaaagc agtaaaaatt gcggtatgcc taaaagcaac cggcgcatct 240
 gttgtgctgt ttgatcatgc gctgtctccg gtcagggaac gtaacctgga agctctctgc 300
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 acccacgagg gt 372

<210> 764
 <211> 1251
 <212> DNA
 <213> Enterobacter cloacae

<400> 764
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 cccctcgatc tcaatgaatt agcgcaaaaa ataaaaacagt ggggtgctga actgggcttc 180
 cagaaggctc gtattactga caccgacctc tctgccagtg agcctaagct ccaggcatgg 240
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 cgccccacag agctgttgcc gggtagcgtg cgcgttatta gcgtacgcat gaactatctg 360
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 accattcagc agcactgtgt ttcgctgaat tttagaccct ttgtcgattc tgcgcctatt 540
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cttcaggcgc	tcgaaagccg	tagaggtgag	caccacacttc	ttgatgagca	catagaatgg	1140
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aaacagcgcc	tggtcagggg	gattgaaaaa	ggactgcccg	gggatgtgtg	a	1251

<210> 765

<211> 273

<212> DNA

<213> Enterobacter cloacae

<400> 765

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aagaaaagtca	cctaccgtat	ccattttcaaa	cgcatcggtt	accgccgcct	gattatgggc	180
ctggcgagcg	gtgaagtgtg	ggtagatggg	cgctgatctt	ataccgcgaa	cgacctgaaa	240
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<210> 766

<211> 450

<212> DNA

<213> Enterobacter cloacae

<400> 766

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ggttttcagg	aacccttcca	gccagtcac	cgcttcgata	tccaggtggg	tcgtcggttc	180
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tgccagctcg	ttgagattct	tgctcgctcg	gtccgctcat	accagatgcg	aaatctcgtg	420
gtaacgcttg	aggtattccc	cctgctctga				450

<210> 767

<211> 315

<212> DNA

<213> Enterobacter cloacae

<400> 767

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tcaatcgctt	cgatatccag	gtgggttcgt	ggttcgctca	gcagcagcac	cttaggcccg	180
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<210> 768

<211> 1257

<212> DNA

<213> Enterobacter cloacae

<400> 768

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gctatgggag	cgctgatgtt	tgcgttggtc	gtcattatga	ccatgtttgc	ggccatgacc	1200
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<210> 769

<211> 231

<212> DNA

<213> Enterobacter cloacae

<400> 769

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tggattttcc	cccacgtgta	ccgcgctgat	cgggtcatgg	atcctgtttt	atcattacag	180
ccatcagggg	ccggaagtca	cgctaattac	caccaatgca	gaggggattg	a	231

<210> 770

<211> 579

<212> DNA

<213> Enterobacter cloacae

<400> 770

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<210> 771

<211> 2025

<212> DNA

<213> Enterobacter cloacae

<400> 771

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<210> 772

<211> 1908

<212> DNA

<213> Enterobacter cloacae

<400> 772

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<210> 773

<211> 1656

<212> DNA

<213> Enterobacter cloacae

<400> 773

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gagggcgaa	aaaccacat	caagagccgc	agcgtggatg	tgggtgtcgt	ggaaagcgcg	240
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<210> 774

<211> 399

<212> DNA

<213> Enterobacter cloacae

<400> 774

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cagtggatgt	taccgaacgt	atcagaaggc	ggaaagatgg	aatggattga	tgatatatcc	180
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gaacaaagca	cgatgatgca	gagtttgtca	gcttatatca	atgaactaaa	tcagggtcgat	360
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<210> 775

<211> 1074

<212> DNA

<213> Enterobacter cloacae

<400> 775

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<210> 776

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 776

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<210> 777

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 777

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<210> 778

<211> 1539

<212> DNA

<213> Enterobacter cloacae

<400> 778

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<210> 779

<211> 219

<212> DNA

<213> Enterobacter cloacae

<400> 779

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gtagtcgata	tgtgcgcagt	cttccccgca	ggtaaagaaa	ttgttttgcc	agaaatatcg	180
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<210> 780

<211> 309

<212> DNA

<213> Enterobacter cloacae

<400> 780

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<210> 781

<211> 906

<212> DNA

<213> Enterobacter cloacae

<400> 781

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accgttccgg	ccagccagat	cgtggctatt	gtgcgttaacc	tggcgaaaagc	cgaagcgttg	180
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gaaatgctgg	cggactccga	caccggcgcg	tccaaaggcg	gcctgttcga	cgacagccat	840
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<210> 782
 <211> 843
 <212> DNA
 <213> Enterobacter cloacae

<400> 782
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 tttcagccgc tggcccacca tgcgcgggtg gtgcaggagg ccacgcaccg cttcgaacgc 540
 gttcgcgact acctgcacga caactatatg cgctcgtgta ccctggacga gctggctaac 600
 gttgtctcgc tcagcccgtg ccatTTTTcag cgccagttca aagccattt ccacgttacg 660
 cccaccaga tgctgatggc catccggctg tggcgcgcca aagcattcct caccatggc 720
 atgcctgccg ccgaggtggc cgccgcgacc gggctgaccg atcagtcgca cctgaccgcg 780
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 taa 843

<210> 783
 <211> 984
 <212> DNA
 <213> Enterobacter cloacae

<400> 783
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 accggacgtt acctggcgtt ggggctgatt gccgtgccg tggcgtggct ggggcgcacg 180
 cgtctgcgtc agctgggccc ccaggactgg ctaccgcgc tggcgtgac catgatgggt 240
 aatctgatct actacgtctg tctggcgagc gccattcagc gcaccggtgc gccggtgctg 300
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 cagcgtgacg gaaaactggc gtggtcaaaa atggcgccg cgctggtctg cattgccgtg 420
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<210> 784
 <211> 699
 <212> DNA
 <213> Enterobacter cloacae

<400> 784
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 cacatgatga aagaggagca gatcctcttc ccgatgatca aacagggcct gggcagccag 480

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gtgattaaac	acaccaccga	caacgtcaca	ccgccgccag	aggcgtgcac	cacctggaaa	600
gccatgtaca	acggcattaa	cgagatgatc	gacgatctga	tggaacacat	cagtcttgag	660
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<210> 785

<211> 417

<212> DNA

<213> Enterobacter cloacae

<400> 785

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gtaaccagcc	gctggggcgt	gctgatcctg	gtggcggtac	gtcaggggac	gcatcgcttc	180
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gagtatagcc	tgacgccgct	ggggcgggag	gtaagcgaga	aggtagccgc	gctggccgac	360
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<210> 786

<211> 1662

<212> DNA

<213> Enterobacter cloacae

<400> 786

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atggacgagc	acctggccga	tcgcctggaa	gagcagtacc	gcgtctactc	cgccacgctg	420
acgcaaata	acgtttctgt	ggggcagggc	aatctggaag	atatgttcaa	acaaaatgcc	480
gaacagaagc	agaccgcgat	gcaaaagggt	tatcgcgagt	ggcgtgaggc	gcaggccgcg	540
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atcacccgca	atcaggcggt	gaaagccgcg	ccggtaaaga	cctatgcacc	taaagcgag	1620
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<210> 787

<211> 720

<212> DNA

<213> Enterobacter cloacae

<400> 787

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gaaaccagcc	tgatgctgga	cgtcttcacg	gaagagtcgg	gtcgcgtgcg	ccttggtgcc	120
aaaggcgac	gttccagacg	ttctaattct	aaaggtgcct	tgcagccttt	cacccactg	180
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<210> 788

<211> 753

<212> DNA

<213> Enterobacter cloacae

<400> 788

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gccgagcagg	ctggggcgga	cggcattacc	gtccatctgc	gtgaagaccg	tcgccacatc	180
accgatcgcg	acgtgcgtat	cctgcgccag	acgctggata	accgcatgaa	tctggagatg	240
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gtgccggaaa	aacgacagga	agtgaccacc	gaaggcggtc	tggatgtggc	cgggcagctc	360
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atcggccacg	ctatcattgg	ccgtgcgggtg	atgagcggtc	tgaagacgcg	ggtttccgag	720
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<210> 789

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 789

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atccgtgaga	agctgatgcg	tttccctggc	gctgaactgc	cgtactctgt	gacggtggag	180
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tgggtgaaag	tgaatcttgg	ctgggccgat	gatgagcgtg	cgctgcgcag	cctcggttac	420
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<210> 790

<211> 936

<212> DNA

<213> Enterobacter cloacae

<400> 790

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aaccgcttta	atcaacagga	taccctcgct	gcgctggcag	tcaaagagac	attgcccag	180
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attctgatga	tattaaccgg	gctggatgca	gccgcggcca	gagccaggct	tgaagcccat	900
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<210> 791

<211> 1374

<212> DNA

<213> Enterobacter cloacae

<400> 791

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<210> 792

<211> 639

<212> DNA

<213> Enterobacter cloacae

<400> 792

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<210> 793

<211> 564

<212> DNA

<213> Enterobacter cloacae

<400> 793

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gcctgggaag	agggcggaag	gcccgtgggc	gcggtactgg	tccataacaa	tcaggtgatt	180
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<210> 794

<211> 543

<212> DNA

<213> Enterobacter cloacae

<400> 794

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<210> 795

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 795

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aacggttgca	gcgccacaat	cgccacgctc	ccggtaatca	atgtggtcag	cagcgggttg	180
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<210> 796

<211> 891

<212> DNA

<213> Enterobacter cloacae

<400> 796

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aaccagatcc	gcggcgacga	tccgatgcgt	ctggtcggcg	aaaagctgat	caaagagaac	360
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<210> 797
 <211> 819
 <212> DNA
 <213> Enterobacter cloacae

<220>
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<220>
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<220>
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<220>
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 <222>(33)

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 aagctgctgg cggcaatttc ctaccaggaa tcgactggg atgctcaggc cacctcccc 240
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 aacatggggt atgcgcataat gctcgacgcg cgggcgctga cggcgaaaaac caaaggtaac 480
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<210> 798
 <211> 306
 <212> DNA
 <213> Enterobacter cloacae

<400> 798
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 atgggcgaca gcatttatga gattaacagc gaccgctgca ccgagtgcac tggccactat 180
 gagacgccga cctgccagaa ggtgtgcccc attcccaata cgatcttaaa agatccggca 240
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 atttaa 306

<210> 799
 <211> 1548
 <212> DNA
 <213> Enterobacter cloacae

<400> 799

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<210> 800

<211> 1167

<212> DNA

<213> Enterobacter cloacae

<400> 800

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<210> 801

<211> 384

<212> DNA

<213> Enterobacter cloacae

<400> 801
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<210> 802
 <211> 930
 <212> DNA
 <213> Enterobacter cloacae

<220>
 <221> unsure
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<400> 802
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 cgtacaggcg agatgctgtt ggaaaaaggg cgtgacgtgc tgcatacggg tcgcgagctg 240
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<210> 803
 <211> 1182
 <212> DNA
 <213> Enterobacter cloacae

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1182

<210> 804

<211> 1371

<212> DNA

<213> Enterobacter cloacae

<400> 804

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<210> 805

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 805

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<210> 806

<211> 195

<212> DNA

<213> Enterobacter cloacae

<400> 806

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<210> 807

<211> 819

<212> DNA

<213> *Enterobacter cloacae*

<400> 807

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<210> 808

<211> 1551

<212> DNA

<213> *Enterobacter cloacae*

<400> 808

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<210> 809

<211> 759

<212> DNA

<213> *Enterobacter cloacae*

<400> 809

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<210> 810

<211> 464

<212> DNA

<213> Enterobacter cloacae

<400> 810

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<210> 811

<211> 987

<212> DNA

<213> Enterobacter cloacae

<400> 811

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<210> 812

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 812

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<210> 813
 <211> 612
 <212> DNA
 <213> Enterobacter cloacae

<400> 813
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 cagggggcgt ga 612

<210> 814
 <211> 804
 <212> DNA
 <213> Enterobacter cloacae

<400> 814
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<210> 815
 <211> 717
 <212> DNA
 <213> Enterobacter cloacae

<400> 815
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 tttacggcgt ttggcattgc ggcagtgtc tatttgatca tttcttacgt cctgatcagc 660
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<210> 816
 <211> 927
 <212> DNA

<213> Enterobacter cloacae

<400> 816

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<210> 817

<211> 1164

<212> DNA

<213> Enterobacter cloacae

<400> 817

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<210> 818

<211> 999

<212> DNA

<213> Enterobacter cloacae

<400> 818

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<210> 819

<211> 1401

<212> DNA

<213> Enterobacter cloacae

<400> 819

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<210> 820

<211> 522

<212> DNA

<213> Enterobacter cloacae

<400> 820

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<210> 821

<211> 657

<212> DNA

<213> Enterobacter cloacae

<400> 821

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<210> 822

<211> 1332

<212> DNA

<213> Enterobacter cloacae

<400> 822

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<210> 823

<211> 837

<212> DNA

<213> Enterobacter cloacae

<400> 823

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gccgccacct	ggctgggaga	agccatcggc	tggcgatgtg	ctttcctcgc	aaccgcggga	540
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<210> 824

<211> 327

<212> DNA

<213> Enterobacter cloacae

<400> 824

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<210> 825

<211> 1395

<212> DNA

<213> Enterobacter cloacae

<400> 825

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<210> 826

<211> 1032

<212> DNA

<213> Enterobacter cloacae

<400> 826

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<210> 827

<211> 1290

<212> DNA

<213> Enterobacter cloacae

<400> 827

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<210> 828

<211> 1173

<212> DNA

<213> Enterobacter cloacae

<400> 828

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<210> 829

<211> 1091

<212> DNA

<213> Enterobacter cloacae

<400> 829

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<210> 830

<211> 624

<212> DNA

<213> Enterobacter cloacae

<400> 830

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<210> 831

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 831

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<210> 832

<211> 2601

<212> DNA

<213> *Enterobacter cloacae*

<400> 832

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<210> 833

<211> 828
 <212> DNA
 <213> Enterobacter cloacae

<400> 833
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 <212> DNA
 <213> Enterobacter cloacae

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<210> 835
 <211> 660
 <212> DNA
 <213> Enterobacter cloacae

<400> 835

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tacaacaatt	caaaatatat	tccaccgggg	caacggctgg	aaatagataa	tgccggggcag	600
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<210> 836

<211> 1071

<212> DNA

<213> Enterobacter cloacae

<400> 836

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<210> 837

<211> 1668

<212> DNA

<213> Enterobacter cloacae

<400> 837

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<210> 838

<211> 1035

<212> DNA

<213> Enterobacter cloacae

<400> 838

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<210> 839

<211> 393

<212> DNA

<213> Enterobacter cloacae

<400> 839

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<210> 840

<211> 618

<212> DNA

<213> Enterobacter cloacae

<400> 840

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<210> 841

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 841

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<210> 842

<211> 1440

<212> DNA

<213> Enterobacter cloacae

<400> 842

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<210> 843

<211> 204

<212> DNA

<213> Enterobacter cloacae

<400> 843

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<210> 844

<211> 977

<212> DNA

<213> Enterobacter cloacae

<400> 844

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gcggacgact	acgccggctt	cccggttggt	ggccagttcc	ttgtgtcgga	aaacccggaa	900
gtggttaacc	gtcatctgcc	gaaagtgtcc	ggtcaatatt	cgactacgag	gcggcaagac	960
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<210> 845

<211> 1401

<212> DNA

<213> Enterobacter cloacae

<400> 845

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1401

<210> 846

<211> 606

<212> DNA

<213> Enterobacter cloacae

<400> 846

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<210> 847

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 847

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tcacgcggtg	agctgtcgca	gagtgaacaa	cagcggctgg	cgagctctc	tgccgaggca	180
aataaaatgc	gcgaacgtat	tcaggcgctg	gaagccatcc	tggacgcgga	acacccaaac	240
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<210> 848

<211> 615

<212> DNA

<213> Enterobacter cloacae

<400> 848

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aatcgcgaga	aatgattca	ggcggcgcgg	aaggcatttg	ctgaaaaagg	ctatgccgca	120
gcgtcaatgg	atgaactcac	ggcaagcgtg	gggttaacac	gcggcgcgct	atatcataat	180
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gtcgcagccc	atctgctgaa	cggcgctgcg	ctgaatgcgg	ctctgcttat	tgccgcgagt	540
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<210> 849

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 849

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gcgcgtttcg	aatcgtttga	acgtcgtatc	gaccacatgg	aagcggaagc	cgaaagccac	180
agcatcggta	agcagaaaac	cctggatcag	cagtttgctg	acctgaaggc	cgatgatgaa	240
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<210> 850
 <211> 429
 <212> DNA
 <213> Enterobacter cloacae

<400> 850
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 cgtgtggtca ccgtattgtc gattttcttc ggtctggcct ttattacact ggtggcatac 240
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 ccaaccagca gagatctcct gaacgcgggt gatgaacagc tgagcgcagg ggagaagcga 360
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 cagcttttaa 429

<210> 851
 <211> 237
 <212> DNA
 <213> Enterobacter cloacae

<400> 851
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 gggtgggcga tcaagtctgt tgcccgaag ccggtcagaa tgatgctggc ggtcgcctctg 180
 gagccgctgt tacagaaact ggcaaaacgc gtttcccggc gctacctgtc acgctag 237

<210> 852
 <211> 996
 <212> DNA
 <213> Enterobacter cloacae

<400> 852
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<210> 853
 <211> 990
 <212> DNA
 <213> Enterobacter cloacae

<400> 853
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gcgcttgcc	taattggctt	ttccatccct	gttttctggc	tggcgctact	gcttaccctc	420
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<210> 854

<211> 1041

<212> DNA

<213> Enterobacter cloacae

<400> 854						
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tgcatgaaa	caccgcgcct	gacagggccg	aaaaaccatc	tgtttgcctg	tcatttcccg	1020
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<210> 855

<211> 1761

<212> DNA

<213> Enterobacter cloacae

<400> 855						
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<210> 856

<211> 906

<212> DNA

<213> Enterobacter cloacae

<400> 856

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<210> 857

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 857

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accgctgacg	tactggcctc	cccgctccat	gacctgacaa	aacgcctgat	tgccggacac	780
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<210> 858

<211> 435

<212> DNA

<213> *Enterobacter cloacae*

<400> 858

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ggaaaaatca	cccggggccga	atacaacagt	accatgggat	atdddgttga	agtaacggga	180
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<210> 859

<211> 1341

<212> DNA

<213> *Enterobacter cloacae*

<400> 859

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<210> 860

<211> 2496

<212> DNA

<213> *Enterobacter cloacae*

<400> 860

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<210> 861

<211> 573

<212> DNA

<213> Enterobacter cloacae

<400> 861

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<210> 862

<211> 381

<212> DNA

<213> Enterobacter cloacae

<400> 862

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<210> 863

<211> 3177

<212> DNA

<213> *Enterobacter cloacae*

<400> 863

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 <211> 402
 <212> DNA
 <213> Enterobacter cloacae

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<210> 865
 <211> 2715
 <212> DNA
 <213> Enterobacter cloacae

<400> 865
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<211> 783

<212> DNA

<213> Enterobacter cloacae

<400> 866

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<210> 867

<211> 1377

<212> DNA

<213> Enterobacter cloacae

<400> 867

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<210> 868

<211> 423

<212> DNA

<213> Enterobacter cloacae

<400> 868

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<210> 869

<211> 1377

<212> DNA

<213> Enterobacter cloacae

<400> 869

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<210> 870

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 870

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aaaccagact	tcctttttcc	atctttctgat	gcataccatg	acaaagcatt	tcgggacgaa	180
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caatttaaa	aatgcagca	agaacgggtc	acactggttg	ttccctcttc	cctgcacaaa	360
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<210> 871

<211> 1557

<212> DNA

<213> Enterobacter cloacae

<400> 871

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<210> 872

<211> 1644

<212> DNA

<213> Enterobacter cloacae

<220>

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<222> (253)

<220>

<221> unsure

<222> (264)

<400> 872

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<210> 873

<211> 1404

<212> DNA

<213> Enterobacter cloacae

<400> 873

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<210> 874

<211> 204

<212> DNA

<213> Enterobacter cloacae

<400> 874

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<210> 875

<211> 1596

<212> DNA

<213> Enterobacter cloacae

<400> 875

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atgagtgata	tggtgtcacc	aatgagaccc	actggagggt	ctatgtctga	atctgaattg	180

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<210> 876

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 876

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<210> 877

<211> 1383

<212> DNA

<213> Enterobacter cloacae

<400> 877

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<210> 878

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 878

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<210> 879

<211> 927

<212> DNA

<213> Enterobacter cloacae

<400> 879

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<210> 880

<211> 192

<212> DNA

<213> Enterobacter cloacae

<400> 880

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caagaaacaa	atttgttaca	acctgaagcg	cgatttgcat	ggttaaggtc	aaagaaagat	180
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<210> 881

<211> 819

<212> DNA

<213> Enterobacter cloacae

<400> 881

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<210> 882

<211> 873

<212> DNA

<213> Enterobacter cloacae

<400> 882

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<210> 883

<211> 1191

<212> DNA

<213> Enterobacter cloacae

<400> 883

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gttggattaa cccaaacgcc atggattggt gcggttaattg tgcttgctgc tttcctcctt 1140
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<210> 884

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 884

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<210> 885

<211> 1011

<212> DNA

<213> Enterobacter cloacae

<400> 885

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<210> 886

<211> 914

<212> DNA

<213> Enterobacter cloacae

<400> 886

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<210> 887

<211> 420

<212> DNA

<213> Enterobacter cloacae

<400> 887

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<210> 888

<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 888

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<210> 889

<211> 1554

<212> DNA

<213> Enterobacter cloacae

<400> 889

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<210> 890

<211> 1041

<212> DNA

<213> Enterobacter cloacae

<400> 890

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<210> 891

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 891

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caggatggca	tgctgctgaa	gacgctcgca	gatgaaatcc	gcaacgcgaa	acgtgcgggg	480
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<210> 892

<211> 1356

<212> DNA

<213> Enterobacter cloacae

<400> 892

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<210> 893

<211> 1266

<212> DNA

<213> Enterobacter cloacae

<400> 893

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cagacgccc	cgtggctcgt	catgctgata	ctctatctgg	gcggcgtttt	ccgttcgatt	1140
cagtttacag	ccatcagtac	gctggctttt	gcggatgtgc	catcggtgca	gatgtgctat	1200
gccaatatct	tgttttcaac	cgcaacgcag	cgtcttgacc	acggggctgg	ggcatccgcg	1260
tgccgg						1266

<210> 894

<211> 240

<212> DNA

<213> Enterobacter cloacae

<400> 894

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catcttttcg	cgtacctcaa	cgggcgcgat	aacgtcaatc	acatcaagga	tttgtttgat	180
aaccagctgg	caggcgacga	cgtcagatac	cagttcctga	tcggcgctca	ggtttttgtga	240

<210> 895

<211> 636

<212> DNA

<213> Enterobacter cloacae

<400> 895

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<210> 896

<211> 717

<212> DNA

<213> Enterobacter cloacae

<400> 896

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gcttttaaac	tccagcctga	gcaccaggta	gagtatgacg	gcaaccgcgt	gaccagcgag	180
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<210> 897

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<400> 897

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<210> 898

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 898

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caaaagcgtt	ccggggagga	taattgcctg	gtggcgctca	aactgctcag	cccagagcgt	180
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gccgccacct	gtcgtctgaa	aaacttcggc	gtggccattg	ccgagccggt	ctccgggtcaa	360
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<210> 899

<211> 399

<212> DNA

<213> Enterobacter cloacae

<400> 899

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<210> 900

<211> 1776

<212> DNA

<213> Enterobacter cloacae

<400> 900

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<210> 901

<211> 1035

<212> DNA

<213> Enterobacter cloacae

<400> 901

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<210> 902

<211> 906

<212> DNA

<213> Enterobacter cloacae

<220>

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<222>(117)

<220>

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<222>(295)

<400> 902

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<210> 903

<211> 1644

<212> DNA

<213> Enterobacter cloacae

<400> 903

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<210> 904

<211> 480

<212> DNA

<213> Enterobacter cloacae

<400> 904

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ccgataggtt	ttctcacagt	gatggcgcg	ggaggtgatg	cgatgcgacc	actggccgtc	360

atcgggtcatc	agcaccaggc	cggtgggtatc	aatatccagt	cgccctgccg	catgcagctt	420
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<210> 905

<211> 363

<212> DNA

<213> Enterobacter cloacae

<400> 905

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gtgctggaag	tcggactacg	cgtccgaaaa	agaagcagtc	agaaacagtt	cagtataatg	300
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<210> 906

<211> 309

<212> DNA

<213> Enterobacter cloacae

<400> 906

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aaagctgagt	tctacagcga	agttctgacc	atcgttggtg	gcggtaaaga	agaaaaagtg	240
aaagttcagg	ctgttcagcg	tcacgcgttc	aagccaaaac	tgactcacat	cgacttcggt	300
cgcgcgtaa						309

<210> 907

<211> 1488

<212> DNA

<213> Enterobacter cloacae

<400> 907

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<210> 908
 <211> 846
 <212> DNA
 <213> Enterobacter cloacae

<400> 908
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 aacagcacia cacatcttac cgggcaatca gtcggggacg cgcttattcg ttacgccgag 720
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 cgttag 846

<210> 909
 <211> 726
 <212> DNA
 <213> Enterobacter cloacae

<400> 909
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 tacggttcag tacgagagcg gtcctacagt cgttttgcag cggaagaggc cgggcggttg 180
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 atctga 726

<210> 910
 <211> 1536
 <212> DNA
 <213> Enterobacter cloacae

<400> 910
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 gttcggattt atgaagagaa gggcgattta cccagggaat taaagccaag agaacgctat 180
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<210> 911

<211> 1443

<212> DNA

<213> Enterobacter cloacae

<400> 911

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<210> 912

<211> 465

<212> DNA

<213> Enterobacter cloacae

<400> 912

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gccttcacac	gcagcattat	ccgacgagca	tcctttgcgc	gacatggacc	ttataagtcc	180
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cagcgtcgcg	tccgggcgtg	ttcctatcga	ccagcttaca	acctggccat	caaagcagtc	360
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<210> 913
 <211> 375
 <212> DNA
 <213> Enterobacter cloacae

<400> 913
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<210> 914
 <211> 1302
 <212> DNA
 <213> Enterobacter cloacae

<400> 914
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<210> 915
 <211> 435
 <212> DNA
 <213> Enterobacter cloacae

<400> 915
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 gtaacgccgc tgggtacccg gctatgccgc ctttctgaag tcgtgctgga tattcttccc 360
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<210> 916
 <211> 624

<212> DNA

<213> *Enterobacter cloacae*

<400> 916

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<210> 917

<211> 486

<212> DNA

<213> *Enterobacter cloacae*

<400> 917

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<210> 918

<211> 1326

<212> DNA

<213> *Enterobacter cloacae*

<400> 918

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gcttag						1326

<210> 919
 <211> 408
 <212> DNA
 <213> Enterobacter cloacae

<400> 919
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 gaccacatca ccgccaagc aaatgggggg accgatgacc tgtccaacct cgaaagcctc 360
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<210> 920
 <211> 1770
 <212> DNA
 <213> Enterobacter cloacae

<400> 920
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<210> 921
 <211> 876
 <212> DNA
 <213> Enterobacter cloacae

<400> 921
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 ggcgggatca aagctgcggc caccgacgat aacagtattt ctgtttttga tgtgatcgga 180

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<210> 922

<211> 1251

<212> DNA

<213> Enterobacter cloacae

<400> 922

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ccgggtcttg	taacgaaagg	cgcggcgcac	gttcgcgacg	ccatcgacct	caagcgaatg	180
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gcttatccgg	aagggatgat	gttggccatt	ctgtttgcc	atctgtttgc	gccgctgttc	1200
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<210> 923

<211> 1227

<212> DNA

<213> Enterobacter cloacae

<400> 923

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gacgatccgc	agaatcagat	ccgtaccccc	gcaggggata	agctgcttaa	cacgctctcc	180
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ccaatgatga	acgcggccgt	gattaagatg	ctaaaagatc	ttggcgtgga	agatgagaac	1200
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<210> 924

<211> 489

<212> DNA

<213> Enterobacter cloacae

<400> 924

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<210> 925

<211> 1449

<212> DNA

<213> Enterobacter cloacae

<400> 925

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<210> 926

<211> 879

<212> DNA

<213> Enterobacter cloacae

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<210> 927
 <211> 1068
 <212> DNA
 <213> Enterobacter cloacae

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 aaaaaggcat ggggaagaac gcggggcggg cgaggggtga ggctgggtgg gctgcacgtc 1020
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<210> 928
 <211> 642
 <212> DNA
 <213> Enterobacter cloacae

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 aagctggaaa cggcggtggg catgacgctg gcggtaacgc tgggtgacagc tttttccagc 180
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<210> 929

<211> 603
 <212> DNA
 <213> Enterobacter cloacae

<400> 929
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 aacttcatca cctttatcgg agtgattgcg gcgcttggtc agatcctgga gatgatcctc 300
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 aactgcgccca tttttggcgg tgtttccttt atggttcagc gtgattacaa cttcagtga 420
 tcggttgtgt atggcttcgg ttccgggtatc ggctggatgc tggcgattgt taccatggcg 480
 gggatccgtg aaaaaatgaa atatgccaac gtacctgcgg ggcttcgtgg cttagggatc 540
 acctttatca ccaccggcct gatggcgttg ggctttatgt ccttctccgg tgtgcagcta 600
 taa 603

<210> 930
 <211> 216
 <212> DNA
 <213> Enterobacter cloacae

<400> 930
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<210> 931
 <211> 558
 <212> DNA
 <213> Enterobacter cloacae

<400> 931
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 ctggctgacg acagcgttga acacggtccg ctggaagtgc tgctgaccat gactgaagaa 480
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 aacaccgact ccgaataa 558

<210> 932
 <211> 942
 <212> DNA
 <213> Enterobacter cloacae

<400> 932
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 cgcaactctg acgtggcgaa aggcgtgggtg gaaacctccc tgaacgtggg cgtggtgacc 540
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gagtacgttg	tgagcatgct	ggaatctctg	ggtaccctgg	cgggcgcgaa	aacgtctgca	660
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gaaacttatt	agcgactggt	caacagcacc	ccgaacattc	aggttattca	cgcggtctg	780
gagtgtgggc	tggtcaagaa	accgtatccg	gatatggaca	tggtctccat	tgggccgacc	840
atcacgggtc	cacactcccc	ggatgaacag	gttcatattg	aaagcgtcgg	tcactactgg	900
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<210> 933

<211> 1701

<212> DNA

<213> Enterobacter cloacae

<400> 933

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tacggcctgg	gcgatccgga	tctctatctc	aagatgatgc	tgcacctgac	gcaggggatg	180
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caggcgcttc	agcgcgggac	cttccgcgtg	cgcggcgagg	tgattgatat	cttcccggcg	300
gaatcggacg	acatggcgct	gcgcgtggag	ctgttcgacg	aagaggttga	acgcctgtcg	360
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aaaacgcact	acgtgacgcc	acgcgagcgt	atcgtgcagg	cgatggaaga	gatcaaaatt	480
gagctggcgg	accgccgcaa	ggtgctgctg	gcgaacaata	agctgctgga	agagcaacgc	540
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cagatcggcg	ggatgtaccg	cggtgaccgc	gcgcgtaaag	agacgctggg	tgagtacggg	780
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ctgtttattg	cggcatcgta	g				1701

<210> 934

<211> 252

<212> DNA

<213> Enterobacter cloacae

<400> 934

aaagccatga	ttaaggtgct	tttttttgcc	caggctccgtg	agctggtcaa	taccgacagc	60
ctgacgctgg	acggctcttt	cgaaaacgtc	gccgccctgc	gcgcgcatct	ggcggcgcaa	120
ggcgaccgtt	gggcgtggc	gctggatgaa	ggcaaactgc	tgcccgccgt	gaatcagacg	180
ctggtggagt	tgaccacccc	gctggccgat	ggggacgaag	tgcccttctt	cccgccggtc	240
acagggggtt	aa					252

<210> 935

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 935

attagcagag	aaaaatcctt	caggagagaa	gccatgaagt	ggcaacaacg	cgttcgtgtc	60
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atgggctgga	tgagcggcac	gctgggtgct	gttggttag	ggttatgcgt	ggtttacggc	180
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tggtctgtgt	cacgcgtgct	gcaaaacaac	ctgctgctgg	ccctggcggg	tctggctatc	360
ctcgcaggac	ccgcggtggt	gtcgttgctc	accaaagaga	aaaagctacg	cgatgtttcg	420
tctaaacatc	gcataggcca	ctga				444

<210> 936

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 936

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atgacggaaa	cccgaattct	ggtcggccct	gagcgcttta	gcgtcgggtac	cgaatacagc	120
tggtctggcag	agcgcgatga	agacggcgcg	gtcgtgacgt	ttaccggaaa	agtgcgtaac	180
cacaacctcg	gcgacagcgt	aaaagcgctg	acgctggagc	actatccggg	gatgaccgaa	240
aaatcactgg	cggccattgt	cgaagaggcg	cgaggccgct	ggccgctggg	acgcgttacg	300
gttatccatc	gcacggcgga	aatgtggccc	ggcgaagaga	ttgtgtttgt	cggcgtcacc	360
agcgcctcat	gcggagtgct	gtttgcggcg	ggggagttca	tcatggatta	tcttaaaacc	420
aaagcgccgt	tctggaaacg	tgaagcgacg	ccggaagggt	agcgtgggt	ggaatcacgc	480
gacagcgata	agcatgccgc	cagccgttgg	taa			513

<210> 937

<211> 1212

<212> DNA

<213> Enterobacter cloacae

<400> 937

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ggcgatttcc	acgtactat	cgccataacc	acgttttcaa	aactgaaaac	atacactcta	120
gccctggcgc	ctgtgtcgag	agatatggcg	ccctggccgt	ggcggaattg	ccaccagggg	180
acagaaagaa	atgactgtgc	ctcccgatct	ggaaagggtg	acatggcttc	acaacttact	240
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cgttgcacct	actgcctgcc	cgatggctac	aagccgggca	gcgtcaccaa	taatggcttt	360
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aaaaagcaga	cccatttctt	gcatcagggc	aacaccggca	ttactcagaa	cctgtcctat	1200
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<210> 938

<211> 537

<212> DNA

<213> Enterobacter cloacae

<400> 938

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ctgcgcgagg	cggcacacga	agccggacac	cagattgttg	ataaagcgat	cgtcaaagaa	180
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atcttcgcc	tgccggggtc	gaccaaagcc	tgccgcaccg	cgtgggaaaa	cattattgcc	480
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<210> 939

<211> 489

<212> DNA

<213> Enterobacter cloacae

<400> 939

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acgctggcga	tgattatcga	cggcagccat	cacaagggtg	atgtgtttgc	caccgcccgt	180
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<210> 940

<211> 711

<212> DNA

<213> Enterobacter cloacae

<400> 940

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<210> 941

<211> 1297

<212> DNA

<213> Enterobacter cloacae

<400> 941

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<210> 942

<211> 1155

<212> DNA

<213> Enterobacter cloacae

<400> 942

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<210> 943

<211> 918

<212> DNA

<213> Enterobacter cloacae

<400> 943

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atcgtgacaa	caacggacaa	cggcggctca	accgggcgga	tccgacgtgc	tgaaggcggg	180
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attcgtaacc	tgctaaaagt	ggatgcgttc	ctgatcccaa	tgtccgaaca	gccggtagat	420
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<210> 944
 <211> 306
 <212> DNA
 <213> Enterobacter cloacae

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 gacgcggtac gcaccgtcag cgccgatatt gtctgcctcc aggaggtcat gggcgcgcat 180
 gaagtgcacc cgatgcattt cgaaaactgg cccgacacgc cccactacga gtttctggcg 240
 gataccatgt ggagcgatta cgcctacggg cgcaatgcgg tctacccgga gggggcatca 300
 cggtaa 306

<210> 945
 <211> 1344
 <212> DNA
 <213> Enterobacter cloacae

<400> 945
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 caggaaggta accgtattac gctgctggaa aatggcgata actattatcc ggcggttttt 180
 gagcgatta gccacgcaca gcagaaaagtc tttctggaaa cgtttatctg gtttgaagac 240
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<210> 946
 <211> 717
 <212> DNA
 <213> Enterobacter cloacae

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<210> 947
 <211> 717
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 947
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 aacgtctctg ctatcgctcg caccgcagat gccgtcggcg tgcatagaagt ccacgccgctc 180
 tggccaggcg cacgtatgcg taccatggcc tccaccgccg caggcagcaa cagctgggta 240
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 cgtccgacct gtattttaat gggccaggag aaaacgggga tcacgcagga agcactggat 420
 ttggccgacg gggacatcat cattccgatg attggcatgg tccagtcact caacgtgtcg 480
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 tatccggtgc tggctcgcgt tgcgaagcag aagaaattgc cttaccccca cgtcaacgcg 660
 cagggcgaaa ttgaagccga tgccgagtggt tgggtccacca tgcagtagcg gggataa 717

<210> 948
 <211> 2085
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 948
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<210> 949
 <211> 1425
 <212> DNA
 <213> Enterobacter cloacae

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 ccccgctgc ctcaaaccct gtttgccgcc tgccagcacc tgctggcgat gttcggtgctg 180
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<210> 950
 <211> 330
 <212> DNA
 <213> Enterobacter cloacae

<400> 950
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 gccgcgcgtc gcgctcgtca gatgcaggta ggcggtaaag atccgctggg accggaagaa 180
 aacgataaaa ccaccgttat tgcacttcgc gaaatcgaag aaggtctgat caacaaccag 240
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 gttaccgcta ttgctgaagg tcgtcggttaa 330

<210> 951
 <211> 1728
 <212> DNA
 <213> Enterobacter cloacae

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<210> 952

<211> 2130

<212> DNA

<213> Enterobacter cloacae

<400> 952

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2130

<210> 953

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<400> 953

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atgcaggcga	tactgaacg	gttcgggtccg	tcgcacatgg	cgtttctggt	ggtgccgatg	1140
gtgggggcat	tcttcattga	tatcgtcaac	gcgctggtca	ttaagctcta	cctgatgctg	1200
ccgatgtttg	gctga					1215

<210> 954

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 954

gctcacgaca	aagttcagcc	aggcggcggt	aggacgtgcc	cccggcgcgg	taatgatctc	60
caccgtctgt	ccgctgaaaa	gcggtgcga	cagcggataa	ggctgcctgt	cgacgcgggc	120
acctacgcag	gcgtggccga	tatcggtatg	cacggcgtaa	gcgaagtcca	ccggtgtcgc	180
gcccgcaggc	agttcgacaa	tgcgcccttc	cggcgtgaaa	acgtaaatct	catccgggaa	240
gagatccgat	ttaacgctct	cgataaatcc	aaacgagcta	cctgcgctct	gttgcagctc	300
cagcaggctc	tgcattccagc	gctgggcgcg	gatttgccgcg	gtggtgctgc	tttcgccgcc	360
gtgctctttg	taagcccagt	gcgccgcgac	acccatctcc	gccatctgat	ccatatcttc	420
ggtacgaatc	tgcacctcaa	caggacacac	gtgcgggcca	atcatggagg	tgtgcaaaga	480
ctgatatccg	ttcgcttttg	gaatggcgat	gtaatctttg	acgcgccccg	gacgcggctt	540
gtacaggctg	tgcattctgcc	ccagcacgcg	ataacagggtg	tctga		585

<210> 955

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 955

gtgatggcca	atattgagat	ctacaccaaa	gcaacgtgcc	cgttctgcca	cagagcgaaa	60
gcgctgctgt	ccagcaaagg	cgtaacgttc	aaggaaactgc	cgatcgatgg	tgacgcgatt	120
aaacgcgaag	agatgatcca	acgcagtgg	cgcacaacgg	ttccacagat	ttttattgat	180
gcgcagcaca	ttggcggctg	tgatgacttg	tatgcgctcg	acgcccggtg	tggactcgat	240
ccgctgctga	gctag					255

<210> 956

<211> 1086

<212> DNA

<213> Enterobacter cloacae

<400> 956

tgcgctgttc	atgaactatc	tacagcagca	ggctggcgaa	ggtgccgaac	aacatcagga	60
tgcctgatga	gcactgttaa	tgcgtcaatg	actgtgatcg	gtgccggctc	ttacggcacc	120
gctcttgcca	tcacgctggc	aagaaatggt	cacgacgtgg	tcctgtgggg	ccacgatcca	180
aaacatatcg	cgacgttgca	acacgaccgc	tgcaacgtgg	cgtttctccc	ggacgttccg	240
ttccctgact	ctctctatct	ggaaagcgac	ctcgcgaccg	cgctggcggt	cagccgcaat	300
attctgattg	tggtgccaag	ccacgtgttt	ggcgaagtcc	tgcgtcagat	taagccgctg	360
atgctgctgg	atgcgcgtat	tgtgtgggcg	acgaaggggc	tggaagcgga	aaccggacgt	420
ctgttgacag	acgttgcccc	cgaagcgctg	ggaacagcga	tcccgcctgg	ggtgatctcg	480
gggccgacct	ttgccaaaga	gctggctgcg	ggcttgccga	cggcgatctc	gctggcgctc	540
accgaccagg	cattttccga	cgatcttcag	caactgctgc	actgcggcaa	aagcttccgc	600
gtgtacagca	accctgattt	tatcggcgctg	cagctgggcg	gcgcggtgaa	gaacgtcatt	660
gccatcgggg	ctgggatgtc	tgacggcatc	ggtttcggcg	cgaatgcgcg	tacggcgctt	720
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acttttatgg	gaatggctgg	gctgggcgac	ctgggtgctga	cctgcaccga	taaccagtcg	840
cgtaaccgcc	gctttggcat	gatgctcgga	cagggcgagc	atgtaaaaag	cgcgaggag	900
aagattggct	agggtggttg	aggctatcgc	aataccaaag	aagttcgcg	attggcgcac	960
cgtttcgggt	tcgaaatgcc	aataaccgag	gaaatttatc	aggatttgta	ttgcggaaaa	1020
aatgcgcgcg	aggcagcatt	gaccttatta	ggtcgtgcgc	gcaaggacga	gcgcagcagc	1080
aattag						1086

<210> 957

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 957

atgaccagc	cagcgcagaa	ctggctggct	attaactatc	gtctggagca	agcaatgccg	60
tgtgaagaac	tggatatcgt	ctggaataat	attaaagccg	aagcccagag	tttgcccgac	120
tgtgagccca	tgctggccag	tttctatcac	gcgacgctac	ttaagcacga	aaatctcggc	180
agcgccctga	gctatatgct	cgccaataaa	ctggcttccc	ctatcatgcc	tgctattgcc	240
attcgcgagg	tgggtggaaga	ggcctacgcc	gcagatccgg	agatgattgc	ttctgcccgc	300
tgcgacattc	aggccgtgcg	cacgcgtgac	ccggcggtgg	ataaatactc	cacgccgcta	360
ctgtatctca	aaggattcca	cgcccttacg	gcgtaccgca	tccggccact	gttatggaat	420
gagggacgcc	gcgcgctggc	catctttctt	caaaaccagg	tttccgtgac	cttccaggtc	480
gatattcatc	cggcgccgaa	aattggccgt	gggatcatgc	tcgaccacgc	caccggcatt	540
gttgtcggtg	aaacggcggt	gacgaagat	gacgtgtcga	tcctgcaatc	cgttacgctg	600
ggcggtaccg	gtaaaaccag	cggcgatcgc	catccgaaaa	ttcgtgaagg	ggtgatgatt	660
ggcgcggttg	ctaaaatcct	cggcaatatt	gaagtcggac	gcggcgcgaa	gattggcgcg	720
gggtcggttg	tgctccagcc	tgtaccgccg	cacaccaccg	ccgctggcgt	cccggcgcg	780
atcgctcggt	agccagacag	cgataagccg	tcgatggata	tggatcagca	cttcaacggt	840
attcaccaca	ccttcgaata	cggcgacggc	atctga			876

<210> 958

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 958

tcacttagtc	gggagttggt	accccccatg	caagaaatta	tgcaattcgt	tagccgccac	60
ccggttctga	gcatcgctg	gattggcctg	ctggctcgct	tactgttcac	cacatttaag	120
ggactgacgt	ctaaaattaa	ggtgatcacc	cgcggtgaag	cgacacgtct	gatcaacaaa	180
gaggacgccg	tggttgtcga	tctgcgtcag	cgcgacgatt	tccgcaagg	ccatattgca	240
ggtgctatca	acctgctgcc	agcggaaatt	aaagcgaaca	acattggtga	gctggagaag	300
cataaagccc	agccgattat	tggtgttgac	ggcactggca	tgcaggcgca	ggaatctgcc	360
aacgcactgc	ataaagcagg	ctttgaaaac	gtaacggtgc	tgaaagaagg	catctccggc	420
tggagcgggg	agaatcttcc	tttagtgcg	ggtaaataa			459

<210> 959
 <211> 504
 <212> DNA
 <213> Enterobacter cloacae

<400> 959
 gctagagact ttaggacaat taaaaagggt ttttccatgt cagaacaaaa taacaccgag 60
 atgactttcc agatccagcg catctacacc aaggatgtct ctttcgaagc gccaaatgcg 120
 ccgcacgttt tccagaaaga ctggcagcca gaggttaaac ttgatctgga taccgcatcc 180
 acccagctgg cggatgatgt gtatgaagtc gtactgctgt tcaccgtgac cgcctctctg 240
 ggccaagaaa ctgcgttcct gtgcgaagtt cagcagggcg gtatcttctc catcggcggc 300
 atcgaaggt accagatggc gcattgcctg ggtgcatact gcccgaaat cctgttcccg 360
 tatgcgctg aatgcatcac cagcctgggt tctcgcggta cattcccga actgaacctc 420
 gcgccagtaa actttgatgc gctgttcatt aactatctac agcagcaggc tggcgaaggt 480
 gccgaacaac atcaggatgc ctga 504

<210> 960
 <211> 519
 <212> DNA
 <213> Enterobacter cloacae

<400> 960
 tcaaaagccc ggtgcattga ctcaccgggc ttttttattt ggctgttccg gcgttcagat 60
 gccgtcgccg tattcgaagg tgtggtgaat accgttgaag tgctgatcca tatccatcga 120
 cggcttatcg ctgtctggct taccgacgat gcgcgcggg acgccagcgg cgggtggtgtg 180
 cggcgggtaca ggctggagca caaccgaccc cgcgccaatc ttcgcgcgcg gtccgacttc 240
 aatattgccg aggattttag caccgcgcgc aatcatcacc ccttcacgaa ttttcggatg 300
 gcgatcgccg ctggtttttac cggtaaccgc cagcgtaacg gattgcagga tcgacacgtc 360
 atcttcgatc accgcggttt caccgacaac aatgccgggt gcgtggtcga gcatgatccc 420
 acggccaatt ttcgcgcgcg gatgaatatc gacctggaag gtcacggaaa cctggttttg 480
 aagaaagatg gccagcgcgc gcggtccctc attccataa 519

<210> 961
 <211> 1587
 <212> DNA
 <213> Enterobacter cloacae

<400> 961
 aattacgcaa aatttttgtc tcttgagcat gaggttgtcg caatgtcggg ttctaaaaaa 60
 cctatggtac tgggtattct ggatggctat ggctaccgtg aagatcaaca ggataacgcc 120
 attttcaacg ccaaaacccc ggttatggat gcgctatggg caaaacgtcc ccacaccctg 180
 attgatgcgt ctggcctgga agtgggtctg ccggatcgct agatgggcaa ctcagaagtg 240
 ggtcacgtta acctgggtgc gggcgcgtat gtttatcagg acctgacgcg cctggacgtt 300
 gaaatcaaa aacgtacatt ctttgccaac ccaacgctca ccggagcggg tgataaagcc 360
 gttgccgcag gcaaggctgt tcacattatg ggtctgctct ctgcggggcg cgttcacagc 420
 cacgaagatc acatcatggc gatggtagaa ctggccgctg agcgcgggtg ggaaaaaatc 480
 tatctgcacg ctttcctgga tggtcgcgat acgccaccac gcagcgcaaa aggttctctt 540
 gaagcgtttg aagacaaatt tgccgcactg ggcaaaggcc gcgtggcgct catcattggt 600
 cgttactatg ccatggaccg cgacaaccgc tgggaccgcg ttgagcaagc ctatgatctg 660
 ctgaccctgg caaaaggcga gttccagttc ccgaccgcgc ttgaaggcct ggaagcggct 720
 tacgcgcgtg atgaaaacga cgaatttgtg aaggcaaccg tgatccgcgc tgaaggccag 780
 gccgatgccg ccatggaaga tggcgatgcg ctgatcttca tgaacttccg tgccgatcgc 840
 gcgcgcgaaa tcaccgcgcg cttcgtaaac agcgattttg acggtttcgc ccgtaagaaa 900
 gtggcgaaga ttgatttcat ccagttgacc gaatatgcag cggatatcaa agccccatgc 960
 gcgtatccgc ccgcctcgct ggcaaacacc ttcggcgagt ggatggcgaa aaatgacaaa 1020
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 ggcgtagaag agcgttttaa aggcgaagac cgcattctga ttaactcacc gaaagtcgcc 1140
 acttacgatc tccagccaga aatgagctct cggagctga ccgaaaaact ggtggccgcg 1200
 atcgaagcgc gtaaatacga caccatcatc tgtaactatc cgaatggcga tatggtgggc 1260
 cacaccggcg tgatggaagc agccgttaaa gcggttgaag cgctggacca ctgcgttgag 1320
 cagggttcga aagcggttga atccgtaggc ggccaactgc tgattaccgc tgaccacggt 1380

aacgcagaac	agatgcgtga	cccggcaacc	ggtcaggcac	ataccgcca	taccaacctg	1440
cctgttccac	tgatttatgt	gggtgataaa	tcagtgaag	cagtggaag	cggcaagctt	1500
tccgacatcg	cgccaaccat	gttgtcgctg	atgggtatgg	aaatccctga	agagatgact	1560
ggcaagccgc	tgttcatcgt	ggaataa				1587

<210> 962

<211> 1293

<212> DNA

<213> Enterobacter cloacae

<400> 962

tcgctcccc	tgaggggaaa	ggcgattttt	tcaatcacat	gggtcatgaa	gccgcttcgg	60
ttatcagtc	gacctctgct	ttgcgccagc	gcactcagcg	ctggcggtatt	gctgtgcgcc	120
gcatccgccc	atgcggatga	ccgcgatcag	cttaaatacca	ttcaggccga	tatcgccgcc	180
aaagagcgtg	cggtagccca	gcagcaacag	cagcgcgccca	ccctgctcgc	ccagcttaaa	240
aagcaggaag	aggccatttc	cgccgccgcg	cgtaagctgc	gtgaaacaca	aaacaccctt	300
gcccagctca	ataagcaa	cgatgaaatg	aacgcgtcga	ttgcgaaact	ggagcgtcag	360
cgcgatgccc	aggagcggaa	ccttgctgca	cagcttgatg	ctgctttccg	tcagggtgaa	420
cacacaggcc	ttcagctgat	cctcagcggg	gaagagagcc	agcagaggtca	gcgtttacag	480
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cgcgagaag	tcaccacgca	aaaagccgag	ctggaagaga	agcagagcca	gcagcaaacg	600
ctgctctacg	atcagcaggc	gcagcaggag	aagcttgagc	aggcgcgcaa	tgagcgtaa	660
aagacgctcg	ccgggctgga	gtcctctatc	caggcaggac	aaagccagct	gagcgaaatg	720
cgcgccaaacg	aatccagact	gcgtaacagc	attgcccg	cagaagccgc	ggccaaagcg	780
cgcgccgaaa	aagaagcgcg	cgaagcgcag	gcggtgcgta	acaagcagca	ggaagcctcc	840
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tatggcgaa	agttgcagg	tgagctacgt	tggaagggga	tcgttatcgg	tgcgctctgaa	1020
ggtagcgaa	tgaaagccat	cgccgatggc	cgcgatgatc	tgcccgactg	gctacagggt	1080
tatgggctcg	tggtggtggt	tgaacacggt	aaaggcgaca	tgagtcttta	cggctacaac	1140
cagagtgcgc	tagtcagcgt	tgccactcag	gtgcgcgcg	gtcaaccat	tgcccttgtg	1200
ggcagcagtg	gcggtcagg	ccgcccgtca	ctctatttcg	aaattcgtcg	tcagggtcag	1260
gcggtcaatc	cacagccgtg	gttggggaaga	taa			1293

<210> 963

<211> 966

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (875)

<400> 963

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ccggtttatg	caggcaaa	cgcgattgtg	attgatgact	tcggttatcg	accacactat	120
gaaaatcagg	tgctggcgat	gccgtcagcc	atctctgtcg	ccgtcctgcc	taatgcgcct	180
cacgcgcag	aaatggcgac	caaagcgcac	aatggcggcc	atcaggtcct	tatccatctg	240
ccgatggccc	ccctcagcaa	gcagccgctg	gaaaaagata	ccctgcgccc	ggacatgagc	300
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ctgaataacc	atatgggcag	cgcgatgacc	tccagcctgt	acggtatgct	gaaagtgatg	420
caggcgctgg	agcgttacaa	cctctatttc	ctcgacagca	tgaccatcgg	caacagccag	480
gcgatgcgtg	ccgctcagg	aacgggctg	aaagtcatca	agcgcaaagt	attcctggat	540
gactcccaga	acgaagcgg	tatccgcgtc	cagttcaacc	gcgcggtaca	gctggcgcg	600
cgtaacggtt	cggcgattgc	cattgggcat	ccgcatccat	ctaccgttcg	cgttttgcag	660
caaattgttc	cgggcttacc	cgccgatatc	acgctgggtg	gtccgagcga	tctgctcaat	720
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aatccattcc	cggcggtgaa	gaactgcacg	ctgaaacagc	cgctgaacc	ggcttatgca	840
acccgcttct	tcacggtgat	tggcgaaagc	atcancagca	gtacgctggt	taaaatacgt	900
ccagcaacag	tggcagggtt	ggggaaaaaa	aaccctgatc	gggttaacc	tattcctgcc	960
agataa						966

<210> 964
 <211> 417
 <212> DNA
 <213> Enterobacter cloacae

<400> 964
 atagttcatg aacagcgcat caaagtttac tggcgcgagg ttcagttgcg ggaatgtacc 60
 gcgagaaaacc aggctggtga tgcattcacg cgcatacggg aacaggatgt tcgggcagta 120
 tgcacccagg caatgcgcca tctggttacc ttcgatgccg ccgatggaga agataccgcc 180
 ctgctgaact tcgcacagga acgcagtttc ttcgccaga gaggcgggtca cggtgacacg 240
 cagtacgact tcatacacat catccgccag ctgggtggat gcggtatcca gatcaagttt 300
 aacctctggc tgccagtctt tctggaaaac gtgcggcgca tttggcgctt cgaaagagac 360
 atccttggtg tagatgcgct ggatctggaa agtcatctcg gtgttatttt gttctga 417

<210> 965
 <211> 606
 <212> DNA
 <213> Enterobacter cloacae

<400> 965
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 ggcgggggtgg ccgcacacca gggattgctg aaattctcgc tgggtggtcgc cgccgtcgcg 180
 ttgggcggta tgattggcga tcagctgctc tattttctgg ggctgcgctt tggcccgacg 240
 cttttgcaac gttttgccag gcatcaaaaag aaaattcggc gcgccagcg gctgatccag 300
 cgacatcctt atctgtttgt gattgggtacc cgctttatgt acggttttcg catcattggg 360
 ccgatactga ttggcgcgag tcgtttacca ccgaaaattt tcctgccgct gaacattctc 420
 ggggcgattg cctgggcggt gattttcacc acgcttggtt acgcggtggg cgaagtgatt 480
 ggcccatggc tgcataatct tgaccagcac ctgaagcact gggcgtgggt gatcctgggtg 540
 gttgcggtgg tgattggggt acggctgtgg ctgaagcatc gtgaaaagcg gcgggatgaa 600
 gagtga 606

<210> 966
 <211> 432
 <212> DNA
 <213> Enterobacter cloacae

<400> 966
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 tggcaatacc ttcgcgcctt cgtcctcatt tatgcctgcc tgtacgccgg catttttacc 120
 gcttcgctgc tgccgattac gatacccggc agcattatcg gcatgctgat cctgtttgta 180
 ctgctggcat tacaggtgct gcccgcaaaa tgggtcaacc cagggtgctt cgttctcatt 240
 cgctacatgg cctgtctttt tgtgcctatc ggcgttgggg ttatgcagta ttacgatgtg 300
 cttaaagcgc agttcgcccc gattgtgggt tcctgcgcca tcagtacgct ggtggttttc 360
 ctggtcgtca gctggagttc acacattgtg catggcgaac gtaaggctcg cggggagaaa 420
 acaaaaaaat ga 432

<210> 967
 <211> 360
 <212> DNA
 <213> Enterobacter cloacae

<400> 967
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 cagcgccgtg tgcgtgattt tcgtcgggtat cctgggcgcg gtgtttgggtc atacgctgct 120
 gaatatcatg aaaattcgta ccaaagcggc acgcggtctg gcgatgggta ccgcctcgca 180
 cgcgctgggc accgcacgct gcgcggaact ggattatcag gaaggggcat tcagctcgct 240
 ggcgctgggt atctgcggga ttatcacttc cctggctcgcg ccgtttatct tcccgattat 300
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<210> 968
 <211> 894
 <212> DNA
 <213> Enterobacter cloacae

<400> 968
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 tcagccctgg ctccggttct ggcggatgag catttccccg ccctgctgac ggcagatcag 120
 gtcacgacgc ttaaacaggc aacggggctg gacgaagacg cgctggcttt cgccctgctg 180
 cccctggcgg ctgcctgagc ccgcgctgac ctttcccatt ttaacgtagg cgcaattgag 240
 cgcggtgtga gcgggacctg gtacttcggc ggaaacatgg agtttctcgg tgcgaccatg 300
 cagcaaaccg tccacgcgga gcagagcgcc atcagtcacg cctggctacg cggcgaaaaa 360
 gccctgagcg ccattaccgt caactatacc ccttgccggc actgcccga gtttatgaat 420
 gagctgaaca gcggtcttga actgagctatc aacctgcccg gacgcgcacc gcatacgtg 480
 cgtgattacc tgccggatgc tttcgccccg aaagatcttg agatcaaaac cctgctgatg 540
 gacgagcagg accacgggta tgagctctca ggggatgagc tgagcgaagc ggccattgcc 600
 gccgccaata aaagccacac gccatacagc aaatctccaa gcggcgctgc ccttcagtgc 660
 cgcgacggcc gcattcttcc cggcaggttac gcagagaacg ccgcgtttaa cccgacgctg 720
 cctccgcttc agggcgccct gaacctgctt agcctgaacg ggtatgacta cccggatatt 780
 cagcgcgcaa tcctggctga aaaggccgat gcgcccgtga tccagtggga cgcgaccgca 840
 gccacgctga aagcgtgagg ctgttcaacc attgaccgag tgctgctggc ataa 894

<210> 969
 <211> 720
 <212> DNA
 <213> Enterobacter cloacae

<400> 969
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 ccgctgctgg tcgccatggt ggtgattatt ccttttctgc tgctcaccgg catttcttat 180
 gagcgttact tcgcccggag caagatcctt aacgatttgt tgacgcctgc cgtggtggcg 240
 ctggcgcttc ctttatatga gcaactgcat cagatccgag ccgcgtggaa atccatcata 300
 accatctgct tcgtggggag ccttggttgc atgatcaccg gcacctcggg ggccttaatg 360
 atgggcgcat cgccgcagat cgccgcctct atcctgccta aatccgtcac cagccgatt 420
 gccatggccg tgggcggcag catcggggggc attccggcca tcagcgcctg gtgcgtgatt 480
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<210> 970
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 <212> DNA
 <213> Enterobacter cloacae

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<210> 971
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 <212> DNA
 <213> Enterobacter cloacae

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 <211> 537
 <212> DNA
 <213> Enterobacter cloacae

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<210> 973
 <211> 930
 <212> DNA
 <213> Enterobacter cloacae

<400> 973
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930

<210> 974

<211> 645

<212> DNA

<213> Enterobacter cloacae

<400> 974

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<210> 975

<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 975

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<210> 976

<211> 1431

<212> DNA

<213> Enterobacter cloacae

<400> 976

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1431

<210> 977

<211> 2559

<212> DNA

<213> Enterobacter cloacae

<400> 977

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<210> 978

<211> 237

<212> DNA

<213> Enterobacter cloacae

<400> 978

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<210> 979

<211> 1137

<212> DNA

<213> Enterobacter cloacae

<400> 979

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<210> 980

<211> 1614

<212> DNA

<213> Enterobacter cloacae

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 <212> DNA
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 ttcgctcga cagaggtgaa gaaagacagt gataaactcg ctattaccgg taatctcacg 420
 ctgaacggcg taacaaaacc tgtcacactg gatgccaaat taattggaca gggtgacgat 480
 ccatggggcg gaaaacgtgc tggctttgaa gccgcaggca aaattcatct gaaagatttt 540
 aatatcacca cggatttagg cccggcatcg caggatgtag agctgattat ttcggtggaa 600
 ggcgttcagc agaagtcata a 621

<210> 982
 <211> 957
 <212> DNA
 <213> Enterobacter cloacae

<400> 982
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 cagctgcctt atcccgtcat tttccgcatg ggtaaagggc tgggtcgcat tgctcagcag 180
 tttatgaagc gtcgcgccag gatcgcgat cgcaaccttg agctttgctt tcctcagatg 240
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<210> 983
 <211> 1290
 <212> DNA
 <213> Enterobacter cloacae

<400> 983
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 ctactggcg ccgcttttag cctggtgatg ctttctctgc ccctctacgt tgagcagctc 180
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 cctaacgcc aagccctgat cgccacccaa atcccgcgcc agaaaagcgg ctgggctgtg 480
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atcgccccgg	aaaagatcct	gatctgcgcc	ctgatcgtct	ccgtcctgct	gctgatcccc	960
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gccggtcgta	ttttcagcta	taaccagtcg	tttcgcgata	tgggtaacgt	caccggggccg	1140
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ggcgtcgtgc	tgttcaacgc	cgttttattcg	tggctcagct	tatcccgggc	gctacgccc	1260
ggcgcaataa	gacaacatcg	tgacggctaa				1290

<210> 984

<211> 471

<212> DNA

<213> Enterobacter cloacae

<400> 984

ggcgaaaagt	ctgagaatgc	gcaaagttat	atgagcacia	cccctgtaca	acgtgaatat	60
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atctattcca	gccacacctg	gcacgtgaac	agccagatgc	cctcctgggtg	gctgacgctg	180
tttaatgatt	ttatccatgc	cttccgcatg	caggtgtttt	ttgttatttc	cggttatttc	240
tcttacatgc	tcttcttgcg	ctatcccctc	aagcgtgggt	ggaaagtgcg	cgtggagcgc	300
gtgggcatac	cgatgttgac	ggccattccg	ctgctgacgc	tgccgcagtt	catcatgttg	360
cagcatgtta	aaggcaaggc	ggaaaactgg	ccgaatctct	ccttctatga	gaaatacaac	420
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<210> 985

<211> 309

<212> DNA

<213> Enterobacter cloacae

<400> 985

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aacaccctgg	atgaagactt	tatcatcgac	accctgccgg	ggcacgacaa	caccctgctc	180
gtaaccgggc	tcagcgggtc	cggttttaaa	tttgccctctg	tggttaggtga	aatcgccgcc	240
cagtttgctc	aggggatagc	gccttcgttt	gatctcaagc	ccttcgcgct	ctcgcgcttt	300
gatcgataa						309

<210> 986

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 986

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agtcatttga	gaacggaaat	tcatatgcaa	tggcgtaact	cctcccgtcg	ctacgggaata	120
atatccatgt	gtttacactg	gctatttgca	attgccgtct	atgccatggt	tggtctcggc	180
ctctggatgg	tgacattaag	ctattatgac	ggttggtatc	atcaggcccc	cgaattgcac	240
aaaagcattg	gggttctgct	gatgatgggt	ctggtttttc	gcgtgatctg	gcgacatatc	300
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gcgcataatc	cactctatgc	cctgctgttc	gccattttga	tcagcggcta	tctcatttcg	420
accgcagacg	gcaaaccgat	cagcgtattt	gggctttttg	atgtcccagc	cacgctggct	480
gacgccggtt	cacaggctga	caccgcaggt	gtggttcatt	tgtggctggc	atggagcgta	540
gtgatcctgt	ctgtcctgca	tggccttgcg	gccctgaaac	accactttat	tgataaagac	600
gatacgctga	agcgcgatgt	tggccggttc	tcagttgact	ctggagcata	a	651

<210> 987

<211> 423

<212> DNA

<213> Enterobacter cloacae

<400> 987

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gccacgctgg	aagaagcaat	tgatgccgct	cgcaagagt	tcctcgccga	taatcccggc	120
attgaggaag	aagatgctga	cgtgcaacaa	ctcaatatcc	aaaaatacgt	cctacaggac	180
ggcgatatta	tgtggcaggc	cgaattcttt	gctgatgaag	gtgaagatgg	tgaatgtctg	240
ccgatactga	gtgggtgaagg	tgcacaggcg	gtattcgacg	gcgactatga	cgaaattgag	300
ttacgtcagg	agtggctgga	agaaaatacgt	ctgcacgaat	gggacgaagg	cgagtttcag	360
ctcgaaccgc	cgctggatac	cgaagagggt	caggccgcag	cggacgaatg	ggacgagcga	420
tga						423

<210> 988

<211> 273

<212> DNA

<213> Enterobacter cloacae

<400> 988

agccatcatc	cagcgtgcgt	ttgcggttct	gctccagata	ggatcggta	tccaccagca	60
cctgcggcgg	agaatactct	tccgggatca	ggaacagctt	ccagcgtttg	gtacgcaggc	120
caaccgtgga	acggctggag	atcaccgaca	caaacggcga	caggatcagc	gagaagacga	180
ttggcgccag	ccagaacagg	aaacgcagat	ccagccaggc	cataccaacg	gcccacacca	240
ggcccagcag	cagctgagag	ccgtggcgca	taa			273

<210> 989

<211> 1299

<212> DNA

<213> Enterobacter cloacae

<400> 989

agcaatagta	agctgatatt	ctaccacact	atgagcaaaa	cacattttaac	agaacagaag	60
ttttccgact	tcgccctgca	cccaaagggt	atcgaagccc	ttgaaactaa	agggtttcat	120
aactgcacgc	ccattcaggc	tctcgccctg	ccgctgacgc	tggccggtcg	cgatgttgca	180
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gccccgacgc	gagaactggc	ggtacagatc	cacgcagacg	ctgagccctt	ggcgcaagcc	360
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cagcgtctga	acatgctgtt	ctccgcaacc	ctgtcatacc	gcgtacgtga	actcgcattc	660
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gcgcagaaaa	aacgcctgcg	cattctcgac	gaatttactc	gtggcgacct	tgatattctg	960
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agcgagttag	cgccacctaa	gcgccttaca	cgtccacgct	ccggcaatgg	cccgcgtcgt	1260
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<210> 990

<211> 1491

<212> DNA

<213> Enterobacter cloacae

<400> 990

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catatgctgg	ttgtgcgcga	gggtggcggga	agcatacaaa	cgctgacgcg	cattaagcgc	120
aagggtccgc	tcgcggcggg	cctgagcagc	gataatcatc	tctccccgga	agccatggaa	180
cgtggctggc	agtgtctgcg	tctgtttgca	gaacgtttac	aggatatccc	gctcagtcaa	240

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ctgatttatc	agggtgtggc	gcatacgacc	ggcggcgacg	atcgtcgtct	ggtggtcgat	420
atcgggtggc	ccagtaccga	actggtcacg	ggcacaggcg	cgcaggcgac	gtcgtctctt	480
agcctgtcaa	tgggctgtgt	gacctggctg	gaacgctact	ttaccgatcg	aaaccttgcc	540
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gaactgcgct	atcacggctg	gaaagtgtgt	gtcggcgcgt	ccggaaccgt	gcaggcgttg	660
caggaaatca	tgatggcaca	ggggatggac	gagcggatca	cgcttgccaa	actccagcag	720
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acgctgacgc	taccggaaaa	ctggcttgag	gatcatccgc	ttggggcgga	actgattgag	1440
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<210> 991

<211> 277

<212> DNA

<213> Enterobacter cloacae

<400> 991

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gagaaactgg	cacaggatct	gctcgaacag	attaaaaacg	gcgccgactt	cggaactg	120
gcgaagaaac	actcgatttg	ccgctcaggg	aaacgcggtg	gtgacttagg	cgagttccgc	180
cagggccaga	tgggccggc	gtttgataaa	gtggtttttt	ccctgccccg	gtcctggagc	240
caacgttttc	acacacgccg	ctggaaggac	aacgctc			277

<210> 992

<211> 405

<212> DNA

<213> Enterobacter cloacae

<400> 992

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gacgtactta	aagctgacgg	gctgatacct	gttgatttct	gggctgaatg	gtgtggtcct	180
tgcaaaatga	tcgctccgat	tctggatgaa	atcgctgacg	aatatcaggg	caaactgacc	240
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atcccagacc	tgctgctgtt	caagaacggt	gacgtggcag	cgaccaaagt	gggcgcactg	360
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<210> 993

<211> 2031

<212> DNA

<213> Enterobacter cloacae

<400> 993

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atctgggagc	aggagcgtaa	agtcattacc	gctgaagagc	gtatgcataa	agggcaggca	1980
aacgtggcaa	acattcgcgc	gatgctggca	aaagccaaag	agaagggata	a	2031

<210> 994

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 994

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acaacctgtt	ttttgttcat	tgcgcgcaag	gtagcaaaaa	gaattgggtt	agtggacaaa	120
ccgaacttcc	gtaaaacgtc	tcaggggctt	attccgctgg	tgggcggcat	ttcgggtatac	180
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ggcttcttcc	tgacgctgtt	tgccgtgtgg	gcggctatcg	tcttcaccga	cagggggcgg	480
aaggaaacgc	gcatgcgt					498

<210> 995

<211> 1338

<212> DNA

<213> Enterobacter cloacae

<400> 995

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atcactctcg	gcgaaaatat	gggactggaa	aaccaggctc	gtatgcgcaa	gcaggacatc	180
attttcgcca	tcctgaagca	gcacgctaag	agtggcgaag	atatctttgg	cgacgggtgtg	240
ctggagatac	tgcaagacgg	atttggtttc	ctccgctccg	cagacagctc	ctacctcgcc	300
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gaagacttaa	ccgcgcgtgt	gctggatctg	gcacgcgcaa	ttggtcgtgg	ccagcgtggt	600
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<210> 996

<211> 525

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (16)

<400> 996

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ctggaaggaa	cgattccggg	tttcacccgc	cctaatacacg	gttatctgga	aagctgggcg	180
cgccaggggcg	tgctgtttgt	gaataccgta	ttaactgtcc	gggcgggtca	ggcacactcc	240
cacgccagtc	tgggatggga	aacctttacc	gataaggtta	tcagcctgat	caatgagcat	300
cgtgaaggcg	tcgtgttttt	actctggggt	tcgcatgccc	aaaagaaagg	ggcgattatc	360
gatcgtcagc	gtcatcacgt	gctgaaggcg	ccgcaccggt	cgccgctgtc	tgcgcatcgt	420
ggtttctttg	gcagtaatac	ttttgttctg	acgaatgagt	ggctggaaaa	gcgtggcgaa	480
aagccgattg	actggatgcc	tgtgttaccg	gcagagagcg	agtag		525

<210> 997

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 997

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aataaaattc	acaggaagaa	tatgatgaaa	cacatttcag	gcaaggcagc	gctgctggcg	180
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tcgccgggtca	acatagataa	cacggtcaaa	gccacatct	ctccgctgga	aacgcactat	360
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gatacacgcg	acagcatcac	gcttgataaa	cagcgctgga	cgttacagca	gttccatttc	480
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ccgctgactg	tctctgctga	acagctgcaa	aaatttactc	acactttgca	ccacgaaaac	840
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<210> 998

<211> 1149

<212> DNA

<213> Enterobacter cloacae

<400> 998

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gtcagtgttc	atattgttaa	aagcgcgcca	ctggccgtaa	cgacagaatt	gcctggcaga	180
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aattttaccg	aaggcagcga	cgtcaaagcg	ggtgaatccc	tttatcagat	cgatccggcc	300
acgtatcagg	cagcctacga	caatgcgaaa	ggtgaactgg	taaaagcaca	ggcggcggcc	360
aatatcgctc	atctgacggg	gaaacgttac	gttccgctgg	tcggtacgca	atatgtgagc	420
aagcaggagt	acgatcaggc	ggtggcaacc	gccagcagg	cggatgcgag	cgctcgttgc	480
gcgaaggctg	gcgttgaaa	cgcgcggatc	aacctggctt	ataccaaagt	cacatcccca	540
atcaacgggc	gtataggtaa	atccagcgtc	accgaagggg	cgttggttac	taatggtcag	600
tcgactgcac	tggcgacggg	tcagcagctc	gatcccat	atgtcgatgt	gacgcaatcc	660
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gtcagattgc	tgatggaaaa	tggccagcct	tatccactga	aaggaaacgt	ccagttctct	780
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ctgcaaaaag	ttcgccctgg	cgttaccgtc	gtggctattc	ctgataccgc	cgcgactcca	1140
gccagttaa						1149

<210> 999

<211> 1275

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (374)

<220>

<221> unsure

<222> (403)

<400> 999

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atcatcagcg	ccgccgaaat	cactggcgcg	gtcgcgattc	acccgggtta	tggtttcctc	180
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accttctctgc	caagcccggg	taaaatcacg	cgtttccacg	cgcggggtgg	ctttggtgtg	1020
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agcgacgagc	acttccagaa	tgggtgggact	aacatccact	acctggagaa	aaaactcggg	1260
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<210> 1000

<211> 291

<212> DNA

<213> Enterobacter cloacae

<400> 1000

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tttgttcagg	cccataaaga	agcgcgctgg	gcgctgtggc	tgacccttct	ctatctcgcc	120
gcatggttag	taactgctta	cttacctgat	tcggcgattg	gcattaccgg	cctcccgcac	180
tggtttgaaa	tggcctgcct	gctgctgccg	ctgggtgtta	tcctgctgtg	ctgggcgatg	240
gtgaaattca	tctatcgcg	tatttccactg	gaggacgatg	atgcagcttg	a	291

<210> 1001

<211> 900

<212> DNA

<213> Enterobacter cloacae

<400> 1001

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gccgaagaac	tgagtgatgc	gctgatggag	gccgggttcg	tctctatcac	cttccaggac	120
acgcatgaca	cgccggtctt	tgagccgctg	ccaggcgaaa	cgcgcctgtg	gggtgatacg	180
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<210> 1002

<211> 312

<212> DNA

<213> Enterobacter cloacae

<400> 1002

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aagaactatt	ttgctcaact	gaacggtcag	gatgttaatg	acctgtatga	gctggtagctg	180
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cgcgctgccc	tgatgatggg	catcaaccgt	ggtaccctgc	gtaagaaact	gaaaaaatac	300
ggcatgaact	aa					312

<210> 1003

<211> 2253

<212> DNA

<213> Enterobacter cloacae

<400> 1003

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cccctttcca	accgctcttg	cttaacgtct	cacacgagtg	aacagaccat	gctggtagc	180
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gcactgaata	tggctgcgcg	cgttgccgga	agccagggcg	tcgctgcacg	cgtctggctg	300
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cagggttatc	tgctgggcaa	accaattacc	gcgcaagcta	ttatggaaca	gtgccagcac	2220
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<210> 1004

<211> 1488

<212> DNA

<213> Enterobacter cloacae

<400> 1004

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<210> 1005

<211> 969
 <212> DNA
 <213> Enterobacter cloacae

<400> 1005
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 aatggcgaca ttactgaccc gcttaaagcc agagctgtgc tcgactatac gggagctgat 660
 gctctgatga taggacgtgc cgctcaggga agaccctgga tctttcgga aatccagcat 720
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<210> 1006
 <211> 233
 <212> DNA
 <213> Enterobacter cloacae

<400> 1006
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 aaactgccgg tggcgcaata tccgaccatt gcgcgccag cgggtggcggg gacagcaacc 180
 taccctggcg ctgatgcca gacggtacag gacaccgtaa ctcaggttat cga 233

<210> 1007
 <211> 654
 <212> DNA
 <213> Enterobacter cloacae

<400> 1007
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<210> 1008
 <211> 918
 <212> DNA
 <213> Enterobacter cloacae

<400> 1008
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accatactga	tgccgacgct	gaatgccgac	tgctcccttg	acctcggttg	cccgattgat	240
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<210> 1009

<211> 789

<212> DNA

<213> Enterobacter cloacae

<400> 1009

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<210> 1010

<211> 1077

<212> DNA

<213> Enterobacter cloacae

<400> 1010

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<210> 1011

<211> 1113

<212> DNA

<213> *Enterobacter cloacae*

<400> 1011

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cagggcgaaa	atcagctgca	cggcggcccc	gaagggtttg	ataaacgtcg	ctggaagatt	420
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<210> 1012

<211> 447

<212> DNA

<213> *Enterobacter cloacae*

<400> 1012

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acggcaaccc	ttaccctggc	aagcggtagc	gtactggctg	ctgatgcagg	ctcatccggc	180
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tcagtctgta	aagacgggaa	atgcccggac	ccgaatgaca	aagtgggcag	cgatgccaat	420
acaaaaacgg	acggtactac	ccagtaa				447

<210> 1013

<211> 954

<212> DNA

<213> *Enterobacter cloacae*

<400> 1013

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gccaaaacgg	ttttgctggc	ttttggcgct	actgccacct	ttatgattat	tgaggtcaca	120
ggcgggctga	tatccggatc	gctggcgctg	ctggccgatg	caggacacat	gcttaccgat	180
gccgcggcgc	tgctcttcgc	gctgctggcc	gtgcagtttg	cccgtcgacc	tccaatgcc	240
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gactgccacc ttaacgagggc gcagtcgggc cactcacacg cacatcacca ttaa

954

<210> 1014

<211> 1182

<212> DNA

<213> Enterobacter cloacae

<400> 1014

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cctgccattc	aggacgcggg	ggctaaacag	tacgaagcca	aaacgggcat	caaagaaact	1140
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<210> 1015

<211> 756

<212> DNA

<213> Enterobacter cloacae

<400> 1015

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gaaaacttca	agccagttaa	acattactac	ctgggtaacg	ccgacgaaat	cgctgcaaaa	720
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<210> 1016

<211> 1218

<212> DNA

<213> Enterobacter cloacae

<400> 1016

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<210> 1017

<211> 1056

<212> DNA

<213> Enterobacter cloacae

<400> 1017

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<210> 1018

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 1018

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<210> 1019

<211> 858
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1020
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 <212> DNA
 <213> Enterobacter cloacae

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<210> 1021
 <211> 2640
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1022

<211> 456

<212> DNA

<213> Enterobacter cloacae

<400> 1022

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aaggcgcaga	agccggctga	cgcgcattct	aaccagcgtg	ggcagcagat	cgtgggtaaa	300
cgctttacgc	ttgataaac	gctaataaac	ggacgcggtc	atatgcgcgt	gggggacagt	360
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<210> 1023

<211> 1026

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (991)

<400> 1023

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<210> 1024

<211> 1698

<212> DNA

<213> Enterobacter cloacae

<400> 1024

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<210> 1025

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 1025

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gagatcgaac	gccatatcat	cgaattacag	gcgatgcgtg	agcaactgtt	acagctggca	360
gaatcctgcc	cgggagatga	cagcgccgag	tgcccgatta	tcgacaatct	ttccggctgc	420
tgccaccgta	aaaccacgc	ctaa				444

<210> 1026

<211> 207

<212> DNA

<213> *Enterobacter cloacae*

<400> 1026

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caatcactga	ttgattcatg	gggtgaagaat	aaccctgact	acatactctc	atttttcacc	180
acagccgcga	aggtcacgct	attgggtt				207

<210> 1027

<211> 735

<212> DNA

<213> *Enterobacter cloacae*

<400> 1027

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ccggcctttg	aatgggttca	tgtgcagctc	catcagcaaa	aggggatgat	aagtttatca	660
ccaccgacta	tttgcaacag	tgccccctct	gatgttacat	tgcacaagat	aaaaatatat	720
catcatgaac	aataa					735

<210> 1028

<211> 228

<212> DNA

<213> *Enterobacter cloacae*

<400> 1028

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ggccaaagtt	atcagccctg	gcttagagct	caggacgtta	aatcccgtgg	aaaccgttgc	180
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<210> 1029

<211> 861

<212> DNA

<213> *Enterobacter cloacae*

<400> 1029

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tataaatggg	ctcgcgataa	tgtcgggcaa	tcagggtcga	caatctatcg	attgtatggg	180
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<210> 1030

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 1030

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gtacttaatc	tgctgggtgt	caacgtcaga	cgggcaccgg	ccttcgcggt	tgagcagagc	180
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cattaa						786

<210> 1031

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 1031

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ctcgcccttca	ccgaagacct	tcagcccgggt	ggaatcaatt	accagggtgtg	cgattttcacc	180
ccgggtgggc	gttttgaaac	tgacattaac	cgactttgcc	cgccctgctga	cacagctgta	240
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<210> 1032

<211> 1665

<212> DNA

<213> Enterobacter cloacae

<400> 1032

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<210> 1033

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 1033

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<210> 1034

<211> 821

<212> DNA

<213> Enterobacter cloacae

<400> 1034

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<210> 1035

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 1035

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<210> 1036

<211> 999

<212> DNA

<213> Enterobacter cloacae

<400> 1036

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<210> 1037

<211> 2148

<212> DNA

<213> Enterobacter cloacae

<400> 1037

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<210> 1038

<211> 591

<212> DNA

<213> Enterobacter cloacae

<400> 1038

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<210> 1039

<211> 2715

<212> DNA

<213> Enterobacter cloacae

<400> 1039

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<211> 540

<212> DNA

<213> Enterobacter cloacae

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<210> 1041

<211> 713

<212> DNA

<213> Enterobacter cloacae

<220>

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<222>(705)

<400> 1041

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<210> 1042

<211> 1110

<212> DNA

<213> Enterobacter cloacae

<400> 1042

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aaggcgggtg	aacgcgtggg	ggccgcaggc	gttggggagt	tacatcccaa	ccagccggta	1080
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<210> 1043

<211> 477

<212> DNA

<213> Enterobacter cloacae

<400> 1043

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gtgataaaaa	tggtcttgcc	gagcttgctc	atttgacca	tcaacggggg	acggtgtttt	360
tcaatgtctg	acatcatctg	gttgatatgg	ccgagttcgg	tctccccacc	ggttgccacc	420
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<210> 1044

<211> 1344

<212> DNA

<213> Enterobacter cloacae

<400> 1044

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<210> 1045

<211> 3075

<212> DNA

<213> Enterobacter cloacae

<400> 1045

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<210> 1046

<211> 1551

<212> DNA

<213> Enterobacter cloacae

<400> 1046

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<210> 1047

<211> 538

<212> DNA

<213> Enterobacter cloacae

<400> 1047

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ggcgatctgc	tgggtggcacc	acacgaatgt	cattgcggtc	actatcctct	gtttgatatc	480
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<210> 1048
 <211> 312
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1049
 <211> 222
 <212> DNA
 <213> Enterobacter cloacae

<400> 1049
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 ggcaaagtgc acccgttcta cactggttaag cagcgtgatg ttgcaaccgg tggccgtgtt 180
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<210> 1050
 <211> 765
 <212> DNA
 <213> Enterobacter cloacae

<400> 1050
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 ctatcgtgcg cggcgcaggc gggatatgtt gattaccgac acgagtatta cgacgatgga 180
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 tataacaaca aaaaagagga ttacgaatat aacttccgcg tggcgataaa catcgattcg 660
 tgggtgccat tcgtggaggt gggtaatgtc tcttccggct ataacactgc taccactgac 720
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<210> 1051
 <211> 1080
 <212> DNA
 <213> Enterobacter cloacae

<400> 1051
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 acagcaaccg tgtcccgcgc attgatgaac cctgacaaag tctcccaggc gaccgaaac 180
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<210> 1052

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 1052

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cgttttaaagg	cgccgaacag	gcagaaacgg	tgcgtgctca	gctggcattt	gaaggatttg	420
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<210> 1053

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 1053

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<210> 1054

<211> 1074

<212> DNA

<213> Enterobacter cloacae

<400> 1054

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<210> 1055

<211> 2325

<212> DNA

<213> Enterobacter cloacae

<400> 1055

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<210> 1056

<211> 327

<212> DNA

<213> Enterobacter cloacae

<400> 1056

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accgatgaac	gtacgcgtcg	tcagggtgaac	aacctgcgtc	acgccaccaa	cagcgaactg	180
ctgtgcgaag	cgcttctgca	tgcgtttacc	ggccaaccgt	tgccgaacga	tgacgatctg	240
cgtaaagaac	gcagtgaacg	aatccccgaa	gaggcgaagg	tgatcatgctg	tgaactgggt	300

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327

<210> 1057

<211> 996

<212> DNA

<213> Enterobacter cloacae

<400> 1057

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<210> 1058

<211> 2142

<212> DNA

<213> Enterobacter cloacae

<400> 1058

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<210> 1059

<211> 474

<212> DNA

<213> Enterobacter cloacae

<400> 1059

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<210> 1060

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 1060

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cgtattattc	aggttcacgt	cagaatgccg	gacgactcac	cggtgccaaa	actggaagat	960
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<210> 1061

<211> 1227

<212> DNA

<213> Enterobacter cloacae

<400> 1061

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<210> 1062

<211> 768

<212> DNA

<213> Enterobacter cloacae

<400> 1062

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<210> 1063

<211> 1539

<212> DNA

<213> Enterobacter cloacae

<400> 1063

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<210> 1064

<211> 1188

<212> DNA

<213> Enterobacter cloacae

<400> 1064

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<210> 1065

<211> 297

<212> DNA

<213> Enterobacter cloacae

<400> 1065

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accagagcct	taccgcttg	cgacacccca	attgcgttaa	acaaactgct	taacgacttt	180
aaagtggctg	gggtacgagg	attcgaaact	cggaaatgcc	gaatcagaat	ccggtgcctt	240
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<210> 1066

<211> 246

<212> DNA

<213> Enterobacter cloacae

<400> 1066

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gaaatatggc	tggggtaact	ggattcgaac	cagggaatgc	cggtatcaaa	aaccgggtgc	180
ttaccgcttg	gcgatacccc	atccgtgcaa	cgcttacctg	ggaatgggtgc	gggagggcag	240
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<210> 1067

<211> 246

<212> DNA

<213> Enterobacter cloacae

<400> 1067
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 gcgagacttg aactcgca ccttgcggcg ccagaaccta aatctggtgc gtctaccaat 180
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 ttatga 246

<210> 1068

<211> 378

<212> DNA

<213> Enterobacter cloacae

<400> 1068
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 ccccaatacc gcggagaacc gcatgatcga agaaatatgg ctgggggtacc tggattcgaa 180
 ccagggaatg ccggtatcaa aaaccggtgc cttaccgctt ggcgataccc catccgtgca 240
 acgcttacct gggaatggtg cgggagggcga gacttgaact cgcacacctt gcggcgccag 300
 aacctaaatc tgggtgctct accaatttct ccactcccgc aaaaaagatg gtggctacga 360
 cgggattcga acctgtga 378

<210> 1069

<211> 588

<212> DNA

<213> Enterobacter cloacae

<400> 1069
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 tttgaggaaa aaatgagcgg gacggtagcg aaccggccag cgcttaaaaa gcttctgcaa 180
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 cgggagaaa ggcggatagg cggcagacgg cctaagttaa cccagagca atgggcgcag 480
 gctggcaggc tgatcgcaaa cggagtggac agaaagcagg tggcgattat ttacgacgta 540
 gcggtttgca cgctgtataa aaaattccct gcatccaaac cggcttaa 588

<210> 1070

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 1070
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 gcgatcccac tatacagcga tttggtgcaa tgtggttttc ccagccccgc agctgattat 180
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 tttactgtta aacgtcttca actgcggtcca actgttcagc tcaatccgat gaacgggtgct 420
 tacagcccga ttgtggtagg cagcgaagat acgctggatg ttttcggcgt agttactttc 480
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<210> 1071

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 1071

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accggtcgca	ggatcaagtg	tcttacctgc	gtcgatgatt	tcacaaagga	atgcctgacg	120
gtcactgttg	cctttgggat	ttcaggcggt	caggtcacgc	gtattctgga	cagcattgca	180
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ccaacgcaga	acggattht	tgagagcttt	aacggacgat	ttcgcgatga	atgtttgaat	360
gagcactggg	tcagcgatat	cgttcatgcc	aggaaaatta	ttaatgactg	gcggcaggat	420
tataacgaat	gccgcccga	ctccacgctg	aattatcaga	caccgtctga	atttgacgag	480
ggctggagaa	agggtcattc	tgagaatgaa	gattccgacg	ttactaactg	a	531

<210> 1072

<211> 645

<212> DNA

<213> Enterobacter cloacae

<400> 1072

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ccgcttgatc	aggcgatgtt	tattgcccag	atggggcatg	aaagcaccag	gtttaccctg	180
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cattccggcg	acgttgagcg	cgtgacactg	ttaatcaatg	gcggccgcaa	cgggctggat	600
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<210> 1073

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 1073

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ctgaactatg	ctaccgcacg	tcgatataatc	aaaaaacctt	ctgcgcaatc	tgtgcaaaaa	180
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gttcagatca	atatcaatgt	agtggacgcg	agggcggaag	atggggatca	gcccagacact	1020
taa						1023

<210> 1074

<211> 1299

<212> DNA

<213> Enterobacter cloacae

<400> 1074

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tcaaataacg	atggctgctg	gatcgcgcg	agcgctgagg	caaaagccgc	agggatagct	180
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<210> 1075

<211> 360

<212> DNA

<213> Enterobacter cloacae

<400> 1075

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gaagagttag	cttcagacgg	tgtagtgcc	acagagaaat	ttatctggca	cgctatatca	300
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<210> 1076

<211> 636

<212> DNA

<213> Enterobacter cloacae

<400> 1076

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<210> 1077

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 1077

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aacgtcgcgc	ccggtacca	agttctgttg	ctgagcgaac	gagacgaaca	gttgacacctc	180

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cgcatcgaga	cgacggccac	cagcagaatg	tttaaactc	tctggcagca	tggccggcg	300
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<210> 1078

<211> 1146

<212> DNA

<213> Enterobacter cloacae

<400> 1078

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<210> 1079

<211> 1266

<212> DNA

<213> Enterobacter cloacae

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<210> 1080

<211> 981
 <212> DNA
 <213> Enterobacter cloacae

<400> 1080
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 gcattcctga tgatcatgtg ggggattgtg ggcgactga ctggcgctgg cgtagcgtta 960
 ttgcgtcgcc gcacaaacta a 981

<210> 1081
 <211> 696
 <212> DNA
 <213> Enterobacter cloacae

<400> 1081
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 tcgcttcgca ggctcaccga gcacgagggc cgcatcggt tgtagccgg gcgcggcatg 540
 ggcgagaaac tcatgcaggc ggcgctgcac tgggcggagc aacaacagg atcgacgctg 600
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 agcatcgacg ccaccgccta ctggttatac aggtga 696

<210> 1082
 <211> 1425
 <212> DNA
 <213> Enterobacter cloacae

<400> 1082
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 acgctgttta tcgccacgct cacctggttt gagttccggc gcgtaagttt taacttcaac 180
 gttttcttct cgctgctgtt tttgtgacc tttttctttg gcttcccgt gaccagcatc 240
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 tgggttatgc tgatgacat cgccctcgtc agcgtggcga ttttcttcat gcataacggc 480
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<210> 1083

<211> 753

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(720)

<400> 1083

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cgttcaattc	gtaaaaagtt	tccagacgct	aatgtgtctc	gcgtggcggg	agctgacctt	300
tgggagcggc	ttatggaacg	cgcaggcgct	gaaggcacac	cggtattttt	gatcggcggc	360
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<210> 1084

<211> 984

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(975)

<400> 1084

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acgggctctt	tcgccgttaa	cgccccaccg	tatatgagcc	cgttcttttg	ttatctcacg	360
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<210> 1085

<211> 1281

<212> DNA

<213> Enterobacter cloacae

<400> 1085

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aacgcgcacg	cgggtgaaac	catcaaccgt	ggcgaaattc	atatcgtgga	gcccgatctc	180
gatcgcgtgg	tgaaaaaggc	ggtggacggt	ggcttcctgc	gcgccagcac	cacgccggtg	240
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gaggcgctc	ccgatcttag	cttccccag	caggtgggcg	accaggccga	tatcaatatc	480
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<210> 1086

<211> 1305

<212> DNA

<213> Enterobacter cloacae

<400> 1086

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ttgcgagtgg	tgccagcatc	gacgccaccg	cctactgggt	atacaggtga	caagatgatt	180
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accaccaaaag	agagcgaacg	tctgctccgc	ctgccctgt	tctacaacct	cgcgcgggtg	1260
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<210> 1087
 <211> 1086
 <212> DNA
 <213> Enterobacter cloacae

<400> 1087
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<210> 1088
 <211> 873
 <212> DNA
 <213> Enterobacter cloacae

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 gccgaccagc tcgaccgcag catttatgtt aagacaaaca aagtgtcga agccgccggg 240
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<210> 1089
 <211> 1095
 <212> DNA
 <213> Enterobacter cloacae

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 cagtctattg ctttgatgcg gctcgggctg ttcgtcccat caccaaagag tgtggggcgt 180
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 gtagatttta agacgtggat gggcatcatt cgaacctatg ccaatcatcc gattaacaat 360
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<210> 1090

<211> 819

<212> DNA

<213> Enterobacter cloacae

<400> 1090

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gatactatat	gttttcaggaa	taagcttctg	gaatgggtatc	agcatgggta	taacagttca	180
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<210> 1091

<211> 4371

<212> DNA

<213> Enterobacter cloacae

<400> 1091

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<210> 1092

<211> 2283

<212> DNA

<213> Enterobacter cloacae

<400> 1092

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<210> 1093

<211> 1071

<212> DNA

<213> Enterobacter cloacae

<400> 1093

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1071

<210> 1094

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 1094

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<210> 1095

<211> 1242

<212> DNA

<213> Enterobacter cloacae

<400> 1095

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<210> 1096

<211> 489

<212> DNA

<213> Enterobacter cloacae

<400> 1096

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<210> 1097

<211> 1293

<212> DNA

<213> Enterobacter cloacae

<400> 1097

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<210> 1098

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 1098

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<210> 1099

<211> 1377

<212> DNA

<213> Enterobacter cloacae

<400> 1099

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<210> 1100

<211> 741

<212> DNA

<213> Enterobacter cloacae

<400> 1100

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agtaacgaga	ttatgttaga	aaatctgaac	tacgaactgt	tttacctgct	caacgccacg	180
ccgtcgtcac	cggaatggat	gatcgatctc	gccaccttca	ttgcgaaaga	tgtgatcagc	240
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cagcgccatc	tggatgatca	aatggcgatg	gcgatcgggc	tcagcgtgct	ggcaagctac	360
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ctgcaccatg	cgccggagca	ctcgttcccg	agcgatcacg	gcacggatga	cttcaccttt	480
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ggtttcctgg	tggggctgat	gggctgcgtc	agcgagcca	tcctgtggag	cctctttggt	660
ccggcgcttt	atcgtggatt	atcacaggcc	tatcgcgctc	tgtttgccct	tccgatccgc	720
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<210> 1101

<211> 429

<212> DNA

<213> Enterobacter cloacae

<400> 1101

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aatggatct	actaccgtct	ctctcccaac	atgccgcgt	gggcccgaac	cgttatcgat	360
aacagctgga	actgcctgcg	agaagagaca	cgtatgaagc	tgaaaaaccg	cctcccgggc	420
tcttgctga						429

<210> 1102

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 1102

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gatgcgaaaa	cctataaccg	cgcgcggtttt	ctggcgagct	acgcgcgcgc	gaaagcgcaa	180
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ccgcacatta	aggcgggtggc	ccgctatgaa	gcgccgaaca	ataatgacga	aggggtgctg	840
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<210> 1103

<211> 801

<212> DNA

<213> Enterobacter cloacae

<400> 1103

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gccgctaccc	tgcttgccgt	gtctgaaatg	accattcgct	gcgatctgaa	caacgacagc	180
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ttccttgcc	tgccaggagaa	accggcgctg	cgggtgattt	tgtgtggcgc	cgaatttcat	480
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ggtgatcaca	gtaaatttgg	caaggctccg	ccggcaagga	tgggtgaact	gtcgcgcctt	720
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caggtgaagt	tgatgtattg	a				801

<210> 1104

<211> 408

<212> DNA

<213> Enterobacter cloacae

<400> 1104

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aacagcagcc	atcgccaggc	tatgttccgc	aacatggcag	gttcaactgg	tcgtcatgaa	120
atcatcaaga	cgaccctgcc	taaagcgaaa	gagctgcgtc	gcgtagttag	gccgctgatt	180
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ggttacactc	gcattctgaa	gtgtggcttc	cgtgcaggcg	acaacgcgcc	gatggcttac	360
atcgagctgg	ttgatcgctt	agagaaagca	gaagctgctg	cagagtaa		408

<210> 1105

<211> 486

<212> DNA

<213> Enterobacter cloacae

<400> 1105

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gcagaaaatg	aggtggatca	ggacaaatta	acacgggac	tgaccgacgc	aggttttgag	120
cgggaagata	tttataatgc	gttgatctgg	ctggataagt	tggctgatta	tcaggacggc	180
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gaatttgaac	tggaagatct	gaaatgggtg	atcctgatgg	tgctgttcaa	cattccaaggc	420
tgtgaaaatg	cctatcagca	aatggaagaa	ttactctttg	aagtgaatga	aggatgctg	480
cattaa						486

<210> 1106

<211> 627

<212> DNA

<213> Enterobacter cloacae

<400> 1106

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atcgctatc	caacagaagc	cgttttcggg	gtcgggtgag	atcctgacag	cgaagtcgcc	180
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ctggtggtgg	agttatgcca	ggcatttggt	aaacctctgg	tttcaaccag	cgccaacctg	480
accgggcttc	ccccctgtcg	gacaaccgaa	gaagtctctg	cgcagttcgg	gagtgatttc	540
ccggtagccg	tcggtgaaac	cggtggccgt	cttaaccctg	cagaaattcg	cgatgccttg	600
accggcgaac	gttttcgcca	gggataa				627

<210> 1107

<211> 366

<212> DNA

<213> Enterobacter cloacae

<400> 1107

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ggatctcgctg	aagatgttaa	gatcagtga	ctgtctgaag	aacaaatcga	cacgctgcgt	180
gacgaagttg	ccaaatttgt	cgttgaaggt	gatctgcgcc	gtgaaatcag	catgagcatc	240
aagcgcctga	tgatcttgg	ttgctatcgc	ggtttgcgtc	atcgtcgtgg	tctgccagta	300
cgcggtcagc	gtactaagac	caacgcacgt	acccgtaagg	gtccgcgcaa	accgatcaag	360
aaataa						366

<210> 1108

<211> 624

<212> DNA

<213> Enterobacter cloacae

<400> 1108

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cagcacggtg	cgcgtaaacc	gcgtctgtct	gactatgggtg	tgagttgagc	tgaaaagcaa	180
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cataaagcaa	tcattgtaaa	cggtcgtggt	gttaacatcg	cttcttatca	ggttaaagcg	420
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agtagcttca	agcgtcagcc	ggaacgtcct	gatctgtctg	cggacattaa	cgaacacctg	600
atcgtcagag	tttactccaa	gtaa				624

<210> 1109

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 1109

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cttgctaacg	taacgccgga	tactatccgc	tactacgaaa	agcagcagat	gatcgatcat	120
gaggtcagaa	cggaagggtg	atttcgcctt	tatacggata	acgacctgca	acgccttcgt	180
tttatccgct	atgcacggca	actcggcttc	acgcttgagt	cgatccgtga	actgctgtcg	240
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ttaaatgacc	cgtgctgctg	taccgctcac	agcagtgttt	attgctcaat	actggaagca	420
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<210> 1110

<211> 234

<212> DNA

<213> Enterobacter cloacae

<400> 1110

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ggaaaaggga	gttattttacg	taaaggtaaa	catgcacaac	ggggtaaattg	ggaggccagt	180
ggcaagcaag	ctaatecgctt	ttttaccact	ggcctttctg	tttctgtctc	ctga	234

<210> 1111

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 1111

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cacccatatg	gtcgggttct	tgcgcctggt	gatgcatttt	taccgacgct	aaatagcttt	180
tttgttgctg	gcggtaaaag	tgcgaacgtt	acggtgcctt	ttaaagaaga	ggcttttcggg	240
cgtgcggatg	agctgaccga	gcgtgcgtgt	cttctaccac	ggggcctggc	cggtccgcta	300
attgaa						306

<210> 1112

<211> 393

<212> DNA

<213> Enterobacter cloacae

<400> 1112

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gtggctcata	tccatgcttc	tttcaacaac	accatcgtta	ctattactga	tcgtcagggg	120
aacgcattgg	gttgggcaac	agccgggtgt	tccggtttcc	gtgggttctg	caaataccact	180
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aagaatctgg	aagttatggt	taaagggtccg	ggtccgggtc	gtgaatctac	tgttcgcgct	300
ctgaacgccg	ctgggtttccg	catcacgaat	attactgatg	tgactccgat	ccctcataac	360
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<210> 1113

<211> 1008

<212> DNA

<213> Enterobacter cloacae

<400> 1113

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tttggccata	ctctgggtaa	cgcactgcgc	cgtattctgc	tctcatcgat	gccgggttgc	180
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gatgagaacg	cagctattag	catgcgtatc	aaagttcagc	gcggtcgtgg	ttatgtgccg	480
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ctgggtaaaa	aatctcttac	cgagattaaa	gacgtgctgg	cttcacgtgg	tctgtctctg	960
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<210> 1114

<211> 510

<212> DNA

<213> Enterobacter cloacae

<400> 1114

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gtcaccccc	tggagttcat	tatgtggttg	ctcgatcagt	ggtctgaacg	ccatatttgc	180
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aaaggcattc	ataagaatga	cccgcggtac	tctgaaatca	gtcgtcggtt	ggcgctcatc	420
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<210> 1115

<211> 1200

<212> DNA

<213> Enterobacter cloacae

<400> 1115

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<210> 1116

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 1116

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gggaaacacg	gtccgtttct	cggttggttca	cactatccgc	aatgtgatta	tgtccgttcc	180

ctgaagagcc	aggcggacgg	acatatcgct	aaaattctgg	agggacagct	ttgtccgctc	240
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taccgggaat	gtgatcatac	ggaacaaatt	gataaaccag	atgaaacggc	aattgcctgc	360
cctcagtgcc	agcgtggtca	attggtgcag	cgccgctctc	gttatggcaa	gaccttccat	420
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<210> 1117

<211> 1323

<212> DNA

<213> Enterobacter cloacae

<400> 1117

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<210> 1118

<211> 1410

<212> DNA

<213> Enterobacter cloacae

<400> 1118

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<210> 1119

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 1119

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<210> 1120

<211> 972

<212> DNA

<213> Enterobacter cloacae

<400> 1120

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<210> 1121

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 1121

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ggtgcggcgt	tcggttaagat	cgtttcatca	ttagtcgccg	acattattat	gccgccgtta	180
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aaagaagaac	cggctgctgc	cccgccagca	ccaactaaag	aagaagtctt	actgactgaa	420

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459

<210> 1122

<211> 408

<212> DNA

<213> Enterobacter cloacae

<400> 1122

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cgctttgtcg	ccgccaacgt	tcgcggggcg	ggcggcgaga	ttgacctgat	catgaaagac	180
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gcccgcata	atgggagttt	tgatactgtg	gattgccggt	tcgatgtggg	agccttcacc	360
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<210> 1123

<211> 600

<212> DNA

<213> Enterobacter cloacae

<400> 1123

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gatgtggaga	tccgcattcc	ttcgcaccgt	agcgcgcgca	tccaggagat	gcatatgctc	540
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<210> 1124

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 1124

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<210> 1125

<211> 1173

<212> DNA

<213> Enterobacter cloacae

<400> 1125

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<210> 1126

<211> 1185

<212> DNA

<213> Enterobacter cloacae

<400> 1126

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<210> 1127

<211> 2169

<212> DNA

<213> Enterobacter cloacae

<400> 1127

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<210> 1128

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 1128

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caggctgaac	tccccctgaa	aaaagcggcg	gcgctggcg	cggagatcca	cggcgatgaag	840
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<210> 1129

<211> 339

<212> DNA

<213> Enterobacter cloacae

<400> 1129

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ttcgtgatcc	caaccgcggc	ggagatcccc	attattcaga	ccatgatgat	ggccgggtatg	180
gggaccgcac	cagcgctggc	gctgctcatc	acgctgccgg	cggtagacct	gccgtcgctt	240
atcatgctgc	gtaagtcatt	cccggcgaaa	gcgctgtggc	tgactgcggg	gctggtggcg	300
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<210> 1130
 <211> 291
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1130
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 actgttcgta aaattttccaa cggcgaaggc gttgagcgtg tcttccagac tcactctccg 180
 gtagttgaca gcattgctgt taaacgctcg ggtgctgtac gtaaagctaa actgtactac 240
 ctgcgtgagc gtactggtaa gtctgctcgt attaaagagc gtctgaacta a 291

<210> 1131
 <211> 996
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1131
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 aaagagaaag tgtttgggtg ggaagctgtc gccatcaatg ctgaaatcga agaggaaatc 240
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 caccgtctgg ataaagacac cacgggtctg atgggtgggt cgaagacgat tcccgccag 480
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 ttcgaagaac ataaggatca cgtggactgg ttatga 996

<210> 1132
 <211> 1134
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1132
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 ccggatcaac tgaaggcgga attcccgtg agcgtcgcgc aggaagctca gattgagcac 180
 tcgcgccaga ccatttctga cattatcgca ggccgggatc cgcgcctgct ggtggtatgt 240
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 gtggaagcgg gcctgaagat tgcgcgtcgc ctgctggtgg agctgggtcag catggggctg 480
 ccgctggcaa ccgaagcgtt ggatccgaac agcccgcagt acctcggcga tctgttttagc 540
 tggctctgca ttggggcgcg caccaccgag tcgcaaacc accgcgagat ggcgtctggc 600
 ctgtctatgc cggttgggtt taaaaacggg accgacggca gcctggctac ggcgattaac 660
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 tgcctgctgc aaactcaggg caaccgcggac gggcatgtga tcctgcgcgg cggtaaagcg 780
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 cctgcggttg cagaatctgt gattgcacag attaaagatg gtaaccgttc aattatcggc 960
 ctgatgattg aaagttatat tcatgaaggc atcagtcac cggaacagcc gcgtatcgcg 1020
 atgaagcccg gcgtctcgt caccgatgct tgcacagct gggaaaccac tgatgcgcta 1080
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<210> 1133
 <211> 387
 <212> DNA
 <213> Enterobacter cloacae

<400> 1133
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 acccggttta cggcggtcgt ccgcgtccac caaagggcgc atcggatgaa ttcattctccg 180
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 gattgtcccg gagtggccac tgccctga 387

<210> 1134
 <211> 1554
 <212> DNA
 <213> Enterobacter cloacae

<400> 1134
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 attgccgacc gtcagttgcc ggataaagcc attgacctta tcgatgaagc ggcgtccagc 180
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 cagctcaagc tggaaacagca ggcgtgaac aaagagctctg atgaagcgag caagaaacgc 300
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<210> 1135
 <211> 1599
 <212> DNA
 <213> Enterobacter cloacae

<400> 1135
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 ctggcacttt ttcccctggc tttaacccga taccgcgcgc ccgccgcgtc ggtctgcttt 180
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ccagtaatgg	gcgtcagctc	ggtggtcttt	attgtgattg	actggctgcg	ctggcgagcg	1560
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<210> 1136

<211> 1161

<212> DNA

<213> Enterobacter cloacae

<400> 1136

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gcactggttg	ctgaggtcgg	cgaagttaaa	agcaaatacg	gcctgccaat	ttacgttccg	180
gagcgtgagg	cctctatgct	cgcctcccgc	cgtaaagagg	cacaggcgct	gggcgtttca	240
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ggccagatgg	ggcgtctgtt	tgaaaaaatg	ctgacgcttt	ctggctatca	ggtgcgcac	420
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atcaccttgc	tggaaacacg	cgataaacia	gcgtttatcg	acagtttccg	taaagtggag	1080
cactggttcg	gtgattacgc	cacgcgattc	cagagtgaag	gccgcacgct	gttgccgacg	1140
gcaaatgaca	gtcgccagta	a				1161

<210> 1137

<211> 933

<212> DNA

<213> Enterobacter cloacae

<400> 1137

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agtgcagaag	agaaggcgct	ctactgggcg	gatatacctg	aaggggagat	ccatcggtac	180
catctgccca	ccgcggaaca	ctcgggtgct	tcattccatg	aagaagtggg	gtgttttgcc	240
ctgcgtgaac	gcggcggtat	tatcgtccgc	atgcgaacac	ccatctggct	gaccgataaa	300
cacggcctgc	tccagcgtaa	ggttttgcga	aaccgcgtcc	acccgcagct	tgacagcttt	360
aacgatggag	gcaccgacca	tcaggggacg	ttttatgcgg	gcacgttctg	ggggccggga	420

gattataacg	gcgccatgct	gatgcgatc	gacaacgacc	tgacgccgaa	agtgatccag	480
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tctgatacgc	cgaacgggtgt	gattttaccgt	acgccgcttg	atgagcagggtg	ggaacccgggt	600
aagcgcgaa	agtttcgccc	gttttagcgag	ggagacggta	ttcccgcacgg	tgccggcaatg	660
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tttggcggcg	acgatatgaa	aacgctgttt	atcaccacca	cgcgggaaaa	tatggaggcg	840
gaggagctgg	cgaataatccc	gctttccgggt	gccatcttca	ccctgccagt	aaatgtggca	900
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<210> 1138

<211> 750

<212> DNA

<213> Enterobacter cloacae

<400> 1138

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aacctcgggtg	cgactgtgtg	cgataacctg	gagcacgttg	aagagaaccg	taaacgcctc	180
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ctggaagaga	ccgtcgccctg	ctttcaggac	gattctgcaa	atctcatcgc	ctggcttggc	480
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cgctgtacct	tcaccgaaaa	gggtgatttt	ttctcctatc	gccgcgacaa	gacgacaggc	720
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<210> 1139

<211> 1077

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1028)

<400> 1139

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<210> 1140

<211> 699

<212> DNA

<213> *Enterobacter cloacae*

<400> 1140

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ggcctgaagc	tgatggaaaa	tgcgatcgc	cagatgcaga	tgacgggtca	ggctgacaaa	660
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<210> 1141

<211> 396

<212> DNA

<213> *Enterobacter cloacae*

<400> 1141

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cgtctcgcca	aactggataa	atggcaaaca	catttgatta	atccacatat	catcctgtcc	180
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gccagcgcaa	aacacgagga	tatgtacacc	gcaattaacg	atztatcaa	caagctggaa	300
cggcagctca	ataaagtgc	acacaaaagg	gaagcacgct	gcgccgcaac	ctcggtgaaa	360
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<210> 1142

<211> 429

<212> DNA

<213> *Enterobacter cloacae*

<400> 1142

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tttcagcctg	gctggaccag	cccggactgg	ttcactgccg	gtaaagaaga	cgctatgaat	180
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cgaggggaat	atcttcgtgg	ctacgctgac	ggacagaaaa	aaatatgcga	agagggcttt	300
attcacgcct	ggggattagc	gggaaaatca	tttcttgcca	gctgcgatac	aactgaaaat	360
gcagtaaaac	tgtatgaatc	ctggcaacaa	ggaatggatg	aaagtatgcg	ttccagcagg	420
ctgaattga						429

<210> 1143

<211> 600

<212> DNA

<213> *Enterobacter cloacae*

<400> 1143

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attttagtgg	cccctgcaaa	ggcaggctcg	ttcactgaaa	cggataaatc	agtacgttcg	180
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gccctctatt	tcgggagcga	gtcggccagc	aaacaacagg	aaataataaa	tcaatatcag	420
ggccaggcgt	tgctattaat	gtcagaacaa	aatcctgaat	gcgttatttg	cagcgcattt	480
tgtctgataa	tagagcacia	ccagggtcagg	ttttccgtaa	atctggatgc	gctggcgcg	540

agtggcgtaa gagtcaatcc ggatgtatta atgctcgcac ggaataagaa gcatgaataa 600

<210> 1144

<211> 1179

<212> DNA

<213> Enterobacter cloacae

<400> 1144

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gtgggcaaa	ccaagctcga	gtcccacg	ccggtgcg	atatacgatc	cgaaacgtgat	180
ttgctggaac	ggttgattca	actcggcaaa	gcgcatac	tggatgccca	ctacatcacc	240
cgtctgttcc	agctcatcat	cgaagattcc	gttctgacgc	aacaagccct	gcaccagcag	300
catctgaaca	aaaccaaccc	gcactctgct	cgtatcgctt	tectcggtcc	gaaaggctcc	360
tattctcatc	tggcgcccg	ccagtacgca	gcccgccatt	tcgaagagtt	tattgagagc	420
ggttgcgcga	aatttgacga	cattttcaac	caggtcgaaa	ccggccaggc	cgattacgcc	480
gtggtgccta	ttgagaacac	cagttccggc	gccatcaacg	atgtttacga	tctgctccag	540
cacaccagcc	tgtcattagt	cggcgagttg	accatcccta	tcgatcactg	cgtgctggtc	600
tctggtcaca	ccgatctgaa	tcagatcgaa	acggtgtaca	gccaccgcga	gccgttccag	660
cagtgcagcc	agttcctgaa	ccgttatccg	cactggaaaa	ttgagtacac	cgaaagcacc	720
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<210> 1145

<211> 1242

<212> DNA

<213> Enterobacter cloacae

<400> 1145

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<210> 1146

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 1146
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tcctatggct ttaacgaact gaatggcgac tggctctctg gcctgtcaga taagatcctg 180
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ggcgaagaga gctacaacga agcgctttcg ttaaaacgtg ccaatgttgt ggccgatgcc 360
tgggcgaagg gcgcgaacat cccgcgcagc aacctcacca cgcggggcctt aggcaaaaaa 420
taccctgtca gcagcaaccg cactgcacag gggcgcgctg aaaaccgccg ggttgcggtg 480
gtcatcagca cgccttaa 498

<210> 1147

<211> 816

<212> DNA

<213> Enterobacter cloacae

<400> 1147
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ggatcggccc gactggggga gctggaagcc gaagtgcctg atcgggtgat gaagcgtggg 780
gtaagtgaac ggggtgtgat taaagcta gctga 816

<210> 1148

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 1148
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gcacctatga ctcaattcgc ttctccggtt ctgcatacgt tgctggatac cgacgcgtac 120
aagctgcata tgcagcaagc cgtgtttcac cactatcatg atgtccatgt tgcggcgga 180
tttcgctgcc ggggtgacga cttgctgggt atctacgcag attccattcg tgcaacaggt 240
cttcactag 249

<210> 1149

<211> 585

<212> DNA

<213> Enterobacter cloacae

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aatttgaca atttcgcgcc tgaagatctg ctctacgcc gtttcgacag cccggcgctg 180
aaaaccctga tcgaacaact taagagtgtg gacgggctgg tcgtcgcgac accgatttat 240
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gacggttaagg tcgtcctgcc gctggccaca ggcggtacgg tagccattt actggcggtg 360
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caaaccgcgc tcgacagcgc gcttgaaacc ttctggcacg ccctgaaccg tcgggatcgc 540
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<210> 1150
 <211> 1158
 <212> DNA
 <213> Enterobacter cloacae

<400> 1150
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 caggcggcag accgcatacg ttttaccggg gtgctgatcc cgacggggccg ttcattgtgag 180
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<210> 1151
 <211> 801
 <212> DNA
 <213> Enterobacter cloacae

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 ttcctgcaaa cggacgtggt ggtgggttgc attgtccttt atgccctgct cggcaaaactt 720
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 gctcaggagg cgaaagcatg a 801

<210> 1152
 <211> 1014
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1153

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 1153

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gttgacgatg	ccgcgctcta	tttctctttt	gaagaaaaat	gccgcgatct	cgatctctcc	240
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<210> 1154

<211> 2718

<212> DNA

<213> Enterobacter cloacae

<400> 1154

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<210> 1155

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<400> 1155

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<210> 1156

<211> 1404

<212> DNA

<213> Enterobacter cloacae

<400> 1156

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<210> 1157

<211> 1107

<212> DNA

<213> Enterobacter cloacae

<400> 1157

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<210> 1158

<211> 437

<212> DNA

<213> Enterobacter cloacae

<400> 1158

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aggtgaagga	tctgccggac	tcctacaaac	ggtacctgat	gaactacttc	cgcaagtcgc	300
tggacgtgat	gggtacgcct	atccgtattc	agttcaagga	aggggaaaac	ccgtttgcga	360
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<210> 1159

<211> 1599

<212> DNA

<213> Enterobacter cloacae

<400> 1159

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tctctgttct	tcaccgagat	gtgggagcgt	ttctcgtttt	acggtattcg	cccgtactcg	180
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<210> 1160

<211> 1491

<212> DNA

<213> Enterobacter cloacae

<400> 1160

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<210> 1161

<211> 348

<212> DNA

<213> Enterobacter cloacae

<400> 1161

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<210> 1162

<211> 1686

<212> DNA

<213> Enterobacter cloacae

<400> 1162

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<210> 1163

<211> 510

<212> DNA

<213> Enterobacter cloacae

<400> 1163

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<210> 1164
 <211> 702
 <212> DNA
 <213> *Enterobacter cloacae*

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<210> 1165
 <211> 2076
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1165
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<210> 1166
 <211> 759
 <212> DNA
 <213> Enterobacter cloacae

<400> 1166
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<210> 1167
 <211> 255
 <212> DNA
 <213> Enterobacter cloacae

<400> 1167
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 cggcaaccgc ctgcgccgtt gtcagaagcc agccgcgcgc tgcaccagc accgacgttt 180
 tgccgctccc ggcgcctgcc agcactaaaa gagactgtc gccattcacc acggcgcgcg 240
 cctgggcagg attga 255

<210> 1168
 <211> 1197
 <212> DNA
 <213> Enterobacter cloacae

<400> 1168
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 accatcgata ttgttgacca tcaggggaaa tgggttagcac gcggcgcata ctgcctgca 180
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 ctggacagct atcgtctgat tgccggagag tccgacgggc tgccgggcgt gaccattgac 360
 cgcttcggca atttcctggt gttgcagctg ctgagcgccg gggcggaata ccagcgtgcc 420
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 gatgcgggtc gtgatgtaca atttatagag cagttccgtc aggcgcgcca tcaccgggtg 1140
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<210> 1169

<211> 348
 <212> DNA
 <213> Enterobacter cloacae

<400> 1169
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 caggctccgc acaccttgct cggatatattg ggtgtggtcg tggatatcga cccggagtat 120
 tcccttgatg aaccgtcagc agacgatctg gccgttgacg cagagcttcg cgccgcgccc 180
 tggatatcatg tggttatgga gggcgacgat ggtcagcctg tccataccta tcttgccgaa 240
 gcgcagctga gtggtgaact acaggatgag catccggaac aaccactat ggacgagctt 300
 gctcagacca tccgcaaaca gttacaggca ccaagactgc gtaactaa 348

<210> 1170
 <211> 453
 <212> DNA
 <213> Enterobacter cloacae

<400> 1170
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 ctttcctggc tttttgccac cctggtgagc attgtgctca tcttcaccct tccgctgacg 120
 cgctcctgct gggaaatcac caaactgtcc ctcgttcctt atggaaatga agccgtgcac 180
 gtggatgagc tggagccgga aagaaaaaat gccctgatga ataccggcgg cacgctgctg 240
 aatattttat ggctgatctt ctttggctgg tggctgtgtc tgatgcata tttcgccggc 300
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 accatcgccc tgtggccggg aggacgccga gttgtcccgg tcgaagtcgc gcaagccgcg 420
 cgtgaagcca atgcccgtcg tcgtttttcag taa 453

<210> 1171
 <211> 2178
 <212> DNA
 <213> Enterobacter cloacae

<400> 1171
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 aatgatgtga agctcaccat cccctcacg cttgggggtg tggccgggtg gctggcggat 180
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actcaggcag	cgcattaa					2178

<210> 1172

<211> 483

<212> DNA

<213> Enterobacter cloacae

<400> 1172

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cacattgctc	tggttgcgca	cgatcactgt	aaacaaatgc	tgcttaactg	ggttcgtcgc	120
catcagcctc	ttttacagca	tcatgccctt	tctgctacgg	gaacaaccgg	caacctgatc	180
caccgcgaaa	ccggtctgga	agtgaatgcc	atgctgagcg	gcccgatggg	gggtgaccag	240
caggtaggcg	ctcagatttc	agaaggtaaa	attgacgttc	ttatcttctt	ctgggatccg	300
ctgaacgcgg	ttccgcatga	tccggacgtt	aaagcgctgc	tgcgtctggc	gacggtgtgg	360
aacattccgg	tagccaccaa	tctttcaacg	gcagatttca	tcattgaatc	gccgcagttt	420
aacgatccgg	tggagatttt	gatcccggat	tatcagcggt	atcttgcgga	gagactgaag	480
tag						483

<210> 1173

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 1173

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gtttcaggct	gcacaaccaa	cccttacacc	ggtgaacgcg	aagcgggcaa	atccggcatt	120
ggcgcgggta	ttggttcctt	ggtaggcgct	ggcgttggcg	tactctctct	ctccaagaaa	180
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caggattctga	acatgcgtct	gtcgacgag	cgcgcggatt	ccgtggccag	ctcgctgatc	540
acccagggcg	tagaagcgaa	ccgcatccgc	accagcgcca	tgggtccggc	taacccgatc	600
gccagcaaca	gcacggcgga	aggcaaaagc	cagaaccgcc	gcgttgaaat	tacgttgagt	660
cctgtgcagt	ag					672

<210> 1174

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 1174

cctatgcaac	gttgcggctg	ggtaagccag	gatcagcttt	atatacgatta	tcacgacaag	60
gaatggggcg	taccggaaac	cgacggtaaa	aaactatttg	aaatgatttg	ccttgaaggc	120
cagcaggccg	ggctgtcgtg	gatcaccgtt	ctgaaaaagc	gtgagaacta	tcgcaaagcc	180
ttccaccagt	tcgatccggc	tgcggttgcc	gccatgaccg	acgacgacgt	acaaaagctg	240
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cgtgcttatt	tggcgatgga	gcaaaatggc	gaaccctttt	cagcatttgt	ctggtcgttt	360
gtggataaac	agccgaaggt	gacgcaggcc	gccacgcttg	cagagatccc	aacgtcgacc	420
ccgcctcag	atgccctgtc	gaaagcgctg	aaaaaacgcg	gctttaagtt	tgtgggcacc	480
accatctgtt	actcctttat	cgaggcctgc	gggctggtca	atgaccacat	tacgggctgc	540
ttctgccatc	cggagggcca	ccatgatccg	caaatggcaa	agtga		585

<210> 1175
 <211> 1170
 <212> DNA
 <213> Enterobacter cloacae

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<400> 1175
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tggggtgagg gcatcagacc gccacccggc aaattgcttg attcgccaga ttttcccgt 120
aaggtattct cactaaattc agggaaatca gcgatgatca aaccaaccg ggccaccatc 180
agcgacgtgg cgaaagccgc caaaaccggt aaaaccagca ttacagcta cctcaacggc 240
gagaaacacc tgctgtccga tgcgctgctg gcgcggtatc aacaagccat tgccgatctc 300
gactaccgtc ccagcctgat ggcgcgcggc ctcaagcggg gacgcaccg cctgattggg 360
cttatcatcg ccgatatcac taacccctac tccgttaacg tactcagcgg catcgaagcg 420
gcgtgccggg aaaaaggctt taccocgctg gtctgtaaca ccaataacga agttgatcag 480
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<210> 1176
 <211> 942
 <212> DNA
 <213> Enterobacter cloacae

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<400> 1176
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ctgaatgtcg ctaccggcct tgcgcggctg gggctgaatg tgggctgggt gagccgcgtg 180
ggcaatgaca gctttggcca tttcgttctc gactcgctga aaaaagaggg cattgatgcc 240
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gcgcagggca aaaccatctc ttttgatccg aatctgcgcc cgggtgcttg gaaaagcgaa 540
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gacagcgaag gattaccaac acgagcagag ctcggcgctc aa 942
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<210> 1177
 <211> 1338
 <212> DNA
 <213> Enterobacter cloacae

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<400> 1177
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tacagcctgg cgtacctgga tcgtgccaac ttacgtttcg catccgcgcg cgggatcaac 180
gaagacctcg ggatcaccaa aggggtctcg tccctgctgg gcgccctctt cttcctgggg 240
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tattttcttct	tccagatccc	cggcgcgatt	tacgctgaac	gccgcagcgt	gcgaaagctc	300
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ggcgcacgcc	acgcctga					1338

<210> 1178

<211> 1002

<212> DNA

<213> Enterobacter cloacae

<400> 1178

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<210> 1179

<211> 507

<212> DNA

<213> Enterobacter cloacae

<400> 1179

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<210> 1180

<211> 552
 <212> DNA
 <213> Enterobacter cloacae

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 gcgcatccgt ttatcgacgc aagttactgg caagcgaatg aagcggtagt gcgggatgaa 240
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 caaacgcgct aa 552

<210> 1181
 <211> 231
 <212> DNA
 <213> Enterobacter cloacae

<400> 1181
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 agctcgaagc tggggaatgg ctgcgcgggg aatacggcgc tggcatgggt ggagaaatat 180
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<210> 1182
 <211> 375
 <212> DNA
 <213> Enterobacter cloacae

<400> 1182
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 ggcgtggcgc actga 375

<210> 1183
 <211> 324
 <212> DNA
 <213> Enterobacter cloacae

<400> 1183
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 gcggcgcagg tctttactca gcagttgggt caggtgggtg actttattag tgaacaaggt 180
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 gcagcggctc ctgctacgga ataa 324

<210> 1184
 <211> 294
 <212> DNA
 <213> Enterobacter cloacae

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gctgataaag	gtttcggctt	catcacacct	gacgatggct	ctaaagacgt	gttcgtacac	180
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<210> 1185

<211> 534

<212> DNA

<213> Enterobacter cloacae

<400> 1185

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<210> 1186

<211> 1287

<212> DNA

<213> Enterobacter cloacae

<400> 1186

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<210> 1187

<211> 2232

<212> DNA

<213> Enterobacter cloacae

<400> 1187

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<210> 1188

<211> 1224

<212> DNA

<213> Enterobacter cloacae

<400> 1188

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<210> 1189
 <211> 1194
 <212> DNA
 <213> Enterobacter cloacae

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 <212> DNA
 <213> Enterobacter cloacae

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<210> 1191
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 <212> DNA
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<210> 1192

<211> 312

<212> DNA

<213> Enterobacter cloacae

<400> 1192

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<210> 1193

<211> 486

<212> DNA

<213> Enterobacter cloacae

<400> 1193

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gctggcatgg	aagtcgtaca	caggcgagag	cctgaccttc	cggaggcacg	taaagtcgag	180
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ggggaaccgg	taggttatta	tgtcttcttc	gctgatcctg	atggtaaac	acttgaactt	420
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<210> 1194

<211> 474

<212> DNA

<213> Enterobacter cloacae

<400> 1194

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tacaccagcg	cgcccgga	gccgctggcg	aaaccggatg	tgggggtgaa	cgtgaaaaca	120
tatcaaatca	ctttgccctg	gccgcccagc	aataaccggt	attaccggca	caaccgcggg	180
cgcacgcaca	ttagcgctga	tggcggttgc	taccgctatg	cagtcgccag	cgctattcga	240
agcgcccggc	ttaatatccg	cacggccgca	ccactcaaaa	tccgtattga	atgtcacatg	300
cccgaaccgc	gacgcgcga	tctggataac	ctgcagaaag	ctgcatttga	cgctctaacc	360
aaggcgagat	tctggctgga	tgactgccag	gttgtcgact	atcgcgttgt	gaaaatgcct	420
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<210> 1195

<211> 894

<212> DNA

<213> Enterobacter cloacae

<400> 1195

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ttatccctgt	cgacctgccg	ctatgaggct	caccgtccgg	ctgctgatgc	gcatttatca	180

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ctgctccgtc	cggcggcgcc	caatctgacc	tggtcgtatg	atttcgtcat	ggacgcactt	420
tccaccggtc	gcaggatcaa	gtgtcttacc	tgcgtcgatg	atttcacaaa	ggaatgcctg	480
acggtcactg	ttgcctttgg	gatttcaggc	gttcagggtca	cgcgtattct	ggacagcatt	540
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aatgagcact	ggttcagcga	tatcgttcat	gccaggaaaa	ttattaatga	ctggcggcag	780
gattataacg	aatgccgccc	gcactccacg	ctgaattatc	agacaccgtc	tgaatttgca	840
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<210> 1196

<211> 459

<212> DNA

<213> Enterobacter cloacae

<400> 1196

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ggccaggccg	atgtatggaa	cgtgaagctg	ttccgctggg	tggacaacaa	agaagattcc	180
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aaagaaagtga	gtgaggcgaa	gcaagctttg	atgctcgatg	caccgaagaa	ggtaaagctg	360
aaggagttag	gcgaggggat	tttcgaaatg	ttccgtgtag	atccggatgt	aacagcgccg	420
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<210> 1197

<211> 990

<212> DNA

<213> Enterobacter cloacae

<400> 1197

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ccgggaggtc	gtatggccga	cctgtcgaac	gggtatacca	aggctcgctaa	cgagatccaa	180
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ctctcacgcc	atcctgaagc	tgacagcggg	atatacacc	cagcgggtaa	atcatgggga	660
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aagcggctgc	gtgcaaccgg	aacggcaaa	ccatcccgga	gcggcatcga	cctgcttaac	960
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<210> 1198

<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 1198

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aaaagactta	gcaagcagtt	tgatgggttc	cagattacga	ttaagcgtgc	cagtaatgat	180

ggtttgactg ttttcggggg cgacaagaaa gaggtcgaac atatcgtgca ggagacttgg 240
gaaagcgcgg acgagtgggt ttatttaa 267

<210> 1199

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 1199

tgtcttcata	agccacatga	ggacatcccc	atgaagaagc	gtttttccga	cgaacagatc	60
atcagtattc	tccgcgaagc	cgaagctggg	gtaccgcgcc	gtgaactctg	ccgcaagcat	120
gccatttccg	atgccacgtt	ttacatctgg	cgtaagaagt	atggcgggat	ggaggtgcct	180
gaagttaagc	gcctgaagtc	gcttgaggaa	gagaacgcc	gactcaagaa	gctgcttgcc	240
gaagccatgc	tggataaaga	ggcgcttcag	gtggctcttg	ggcgaaagta	ctga	294

<210> 1200

<211> 783

<212> DNA

<213> Enterobacter cloacae

<400> 1200

tactggccga	aaaacaagcc	ggaagcccag	ttccagctga	tgaacctgct	ttctctgctg	60
ccggtcggct	gcgatatttt	tgttgctcgt	gaaaaccgca	gcgggggtgcg	tagcgcagag	120
cagatgctcg	aagcctgggc	gccgctgacg	aaaatcgaca	gcgcccgctcg	ctgcggcctg	180
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gtcggctgtg	gcgcgggctg	gctgtcaacg	gttctcgcca	gtcactcacc	aaaagtgcgt	420
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aatggcattg	aaggcgacgt	gattgccagc	aacgtcttct	ccgacgtgac	cggtcgcctt	540
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caaacgctga	tccgtggcgc	aaccogtcac	ctcaacagcg	gcggtgagct	gcgtattgtg	660
gcgaacgcct	tcctcgcata	cccgaaaagta	ctggatgaaa	cctttggctt	ccacgaagtg	720
atcgcccaga	cgggcgcgtt	taaggctctat	cgcaccgtga	tgacgcgcc	ggcgaaaaag	780
ttaa						783

<210> 1201

<211> 938

<212> DNA

<213> Enterobacter cloacae

<400> 1201

tatcgaaaac	cctttttcaca	gttaaaagaa	gtaatgccta	ctatgactca	agtcgcgaaa	60
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ctggagcata	tccaggctga	tgtctgggtc	cgttaccagc	gaatgcgcgg	ccacgaggtg	180
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tcggagctga	tctacaccgg	tctgaaagag	aacggtttca	ttaaaaaccg	caccatttct	420
cagctgtacg	atccggaaaa	aggcatgttc	ctgccggacc	gtttcgtaa	aggcacctgt	480
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aatctgtgtg	acaagcgcgg	cgacaccgta	agcttcgacg	aatactggaa	gaaagattcc	900
gatgccgagc	tgtatcactt	catcggtaaa	gacatcgt			938

<210> 1202

<211> 1101

<212> DNA

<213> *Enterobacter cloacae*

<400> 1202

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gtaaattgacc	atcaggatca	aattacacaa	aacaacgctg	atagtattaa	ccgtgatagc	180
gcaacggata	accgcttaac	gcagggttaac	gacgaccttc	agtccacaaa	actgggcgtg	240
ttagtcgtgg	ataaaatggc	taacgacgca	catcagaaag	cgttgcttgc	tggcgcaactt	300
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gcgactggcg	caaaggggtga	taaaggggat	accggcgCGa	ctggcgcaaa	gggcgataaa	540
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aaaggtgata	agggtgatac	tggcgCacaa	ggcattgCGg	gaagaaacgg	tcgcgacggg	660
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catgtcatcg	cgaaagtgag	cttctcagat	gacactgcga	ataatatggg	cgcttcgggt	1080
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<210> 1203

<211> 1401

<212> DNA

<213> *Enterobacter cloacae*

<400> 1203

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agttatccgc	gcaaactgcc	tttagcgatc	acaaaagcag	aaggcgtgtg	gatcaccgat	180
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<210> 1204

<211> 1485

<212> DNA

<213> *Enterobacter cloacae*

<400> 1204

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<210> 1205

<211> 399

<212> DNA

<213> Enterobacter cloacae

<400> 1205

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<210> 1206

<211> 492

<212> DNA

<213> Enterobacter cloacae

<400> 1206

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acaggcgcg	tgaagtgtct	ggtgaagaat	gaacgggcta	ttgcgtttta	ccatcgccac	420
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<210> 1207

<211> 2250

<212> DNA

<213> Enterobacter cloacae

<400> 1207

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ttgctcgtcg	agatgatcga	ccaccgcacg	atgattctgt	gcgtgacatt	cctgttcacc	180
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<210> 1208

<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 1208

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gttggcgcgc	tggcggttccg	caccggtttt	tgccagcaaa	tattatccct	taaacctgcg	420
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<210> 1209

<211> 492

<212> DNA

<213> Enterobacter cloacae

<400> 1209

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tggctggagc	cgcaggatat	ccccgatccc	taccgtaaaa	gccgggaagc	gtttgaatat	420
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<210> 1210

<211> 1140

<212> DNA

<213> Enterobacter cloacae

<400> 1210

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<210> 1211

<211> 1203

<212> DNA

<213> Enterobacter cloacae

<400> 1211

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tgctgatttt	caccgggtca	gcatctggat	cttgctggaa	aacagggtgat	gaccacagaa	180
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gtctatgtca	ccactgcacc	actgtcccg	tggaaatcgcg	tgatatacaca	gcttgttccg	1140
accatcagcg	gggtgcatga	ccttaccgaa	acggttcggt	acatcagatc	gtggccgcaa	1200
taa						1203

<210> 1212

<211> 840

<212> DNA

<213> Enterobacter cloacae

<400> 1212

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gaaaataact	ttactatttt	acacatcggt	gatttggttg	cagatattgg	atacagcaga	120
agaaccatcg	aaacatgggt	taaagagaag	tatcggtctc	ctttaggtga	atatattctc	180
cgacggaggt	taagccgtgc	cgccattatg	ctgagaatga	cgtcgattcc	ggtgacggat	240
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<210> 1213

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 1213

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gtgctgacgc	acagttctaa	atgtggcgcc	gtacaccctt	atacgatggg	gccggcctcg	660
cgcttcagcc	gtgtaatcac	ggatgagcgt	ttgcgtgatg	aatatcgcca	gcaattagaa	720
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<210> 1214

<211> 243

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (150)

<220>

<221> unsure

<222> (159)

<400> 1214

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gcaaaaaaac	tggcggtttcc	gcaccccccn	tacccaaant	ggacagcaat	aggcggttaac	180
tggcttgcg	gttttgattt	cgaaattaag	ggtatcgcca	ggatccctac	gcccgcgaa	240
taa						243

<210> 1215

<211> 1002

<212> DNA

<213> Enterobacter cloacae

<400> 1215

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accagtcga	atcattcgca	gacggacgtt	ctgccgctgg	tgcccgaagc	cgctaacgtc	120
gacgaccgtt	ttttgctcga	tttagccctg	cccgatgaca	ttctcgcaag	ctgtgctggt	180
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<210> 1216

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 1216

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gctgagctgg	cgttcaccta	ccagaacgac	aagctgaaag	gccgtgttga	agaatttgcc	180
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<210> 1217

<211> 1941

<212> DNA

<213> Enterobacter cloacae

<400> 1217

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<210> 1218

<211> 2025

<212> DNA

<213> Enterobacter cloacae

<400> 1218

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<210> 1219

<211> 243

<212> DNA

<213> Enterobacter cloacae

<400> 1219

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aacaccgcga	ttggtgccgg	tgctgggtgcg	cttgggtggtg	cggtattaac	ggatgatagt	180
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<210> 1220

<211> 351

<212> DNA

<213> Enterobacter cloacae

<400> 1220

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<210> 1221

<211> 870

<212> DNA

<213> Enterobacter cloacae

<400> 1221

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<210> 1222

<211> 1407

<212> DNA

<213> Enterobacter cloacae

<400> 1222

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<210> 1223

<211> 915

<212> DNA

<213> Enterobacter cloacae

<400> 1223

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<210> 1224

<211> 1323

<212> DNA

<213> Enterobacter cloacae

<400> 1224

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<210> 1225

<211> 587

<212> DNA

<213> Enterobacter cloacae

<400> 1225

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<210> 1226

<211> 2334

<212> DNA

<213> Enterobacter cloacae

<400> 1226

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<210> 1227

<211> 2142

<212> DNA

<213> Enterobacter cloacae

<400> 1227

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 <212> DNA
 <213> Enterobacter cloacae

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<210> 1229
 <211> 975
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1230
 <211> 933
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1231

<211> 2499

<212> DNA

<213> Enterobacter cloacae

<400> 1231

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<210> 1232

<211> 795

<212> DNA

<213> Enterobacter cloacae

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 gaaggcatgc gtcgtctgac gcgcgagcac tgcgacgagc tgatcagcat cccgatggca 720
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<210> 1233

<211> 1392

<212> DNA

<213> Enterobacter cloacae

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<210> 1234

<211> 501

<212> DNA

<213> Enterobacter cloacae

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<210> 1235

<211> 1695

<212> DNA

<213> Enterobacter cloacae

<400> 1235

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<210> 1236

<211> 186

<212> DNA

<213> Enterobacter cloacae

<400> 1236

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<210> 1237

<211> 1383

<212> DNA

<213> Enterobacter cloacae

<400> 1237

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<210> 1238

<211> 1347

<212> DNA

<213> Enterobacter cloacae

<400> 1238

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<210> 1239

<211> 411

<212> DNA

<213> Enterobacter cloacae

<400> 1239

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<210> 1240

<211> 1311

<212> DNA

<213> Enterobacter cloacae

<400> 1240

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<210> 1241

<211> 732

<212> DNA

<213> Enterobacter cloacae

<400> 1241

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<210> 1242

<211> 264

<212> DNA

<213> Enterobacter cloacae

<400> 1242

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tttggcgaag	cggcgcgttt	ccatacctgt	tcagcttcag	agatgacggc	cgcgagagctg	180

gtggcgtttc	tggcggcgcg	cggaataatc	attccggcag	cagacggatt	ttccactcac	240
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<210> 1243

<211> 933

<212> DNA

<213> Enterobacter cloacae

<400> 1243

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<210> 1244

<211> 342

<212> DNA

<213> Enterobacter cloacae

<400> 1244

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<210> 1245

<211> 1293

<212> DNA

<213> Enterobacter cloacae

<400> 1245

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<210> 1246

<211> 1287

<212> DNA

<213> *Enterobacter cloacae*

<400> 1246

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<210> 1247

<211> 996

<212> DNA

<213> *Enterobacter cloacae*

<400> 1247

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<210> 1248

<211> 765

<212> DNA

<213> Enterobacter cloacae

<400> 1248

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<210> 1249

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 1249

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<210> 1250

<211> 1281

<212> DNA

<213> Enterobacter cloacae

<400> 1250

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<210> 1251

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 1251

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<210> 1252

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 1252

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<210> 1253

<211> 243

<212> DNA

<213> Enterobacter cloacae

<400> 1253

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<210> 1254

<211> 903
 <212> DNA
 <213> Enterobacter cloacae

<400> 1254
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<210> 1255
 <211> 2433
 <212> DNA
 <213> Enterobacter cloacae

<400> 1255
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<210> 1256

<211> 2091

<212> DNA

<213> Enterobacter cloacae

<400> 1256

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<210> 1257

<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 1257

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267

<210> 1258

<211> 2760

<212> DNA

<213> Enterobacter cloacae

<400> 1258

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<210> 1259

<211> 189

<212> DNA

<213> Enterobacter cloacae

<400> 1259

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<210> 1260

<211> 1053

<212> DNA

<213> Enterobacter cloacae

<400> 1260

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ctatcaaaaa	cggctcatcac	agccccgatc	atcggcgcgga	cgaaaccaga	acatctttcc	900
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cactatctgc	cgcactcctgt	cgacgggatc	attccccac	ttccggatac	gccaccttca	1020
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<210> 1261

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 1261

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ataagcagag	cggatgtcgc	cgatctcatt	tatttcatgg	ctattgcacg	tcacgcagat	180
ttcagccgtg	cggcgattga	attaggtgtc	agtgcacag	cgcttagtca	tgccctgaag	240
gggctggaaa	ccaggctcgg	tgctgcctc	cttaatcgca	cgaccaagag	cgttacacct	300
acggctgcag	gtgaagaact	ggttcagtct	gtacttcaac	ctttcgacac	gatagaaggc	360
gcgcttgaat	cgcttaaccg	gtatcgtaat	accttaccg	gacgtatccg	aatcaatgct	420
gccgttgaag	cggccaatct	tttgcttgcg	ccagttatgc	ccgcgtttat	ggatcgctat	480
cccgatattg	aaatcgatat	tgtggccagc	aaccgatgg	ttgacgtcac	tgatgcgggc	540
ttcgatgccg	gtatccgcta	tggtggcacc	gtcccggaag	acatggttgc	ccggcgttta	600
tctgccgata	ttcgtgtggg	tatcgagca	tccccgact	atcttgaacg	ctacggaaacg	660
cctgaatatc	cggatgattt	attacaccat	cgctgtataa	gcaatcgtct	cggcgacgat	720
cggatttatc	gctgggaact	tgagcgagac	ggcgaaacgt	accaaatac	tgtgccaggc	780
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atgtattttc	cggagcctct	tgttgcaacc	tatgtgaagg	atggacggct	ccgcctgggtg	900
cttacggagt	gggtccccgt	ggaggaaggt	tttcatatct	attattcaag	ccgccggcaa	960
ctaccgaccg	ggcttcgcct	tctgattgag	ttcatccagg	aggccaggcc	gctgggggtg	1020
tga						1023

<210> 1262

<211> 537

<212> DNA

<213> Enterobacter cloacae

<400> 1262

agagtgaggc	ccgatatgaa	acctgccgat	aaacccgtgc	tgtgtgtcgt	ttccagccat	60
ccgattaaag	gcgcatccgg	tgtaccaacc	ggttttttcc	tggctgagct	gacgcatccg	120
ctgaaagtag	tggaagatgc	cggactaaaa	acgacgatag	ccagcattcg	cgggggacag	180
ccgccggtgg	atggatttga	cctcagtgac	cctgtcaacg	cctggttctg	gaacgaaacc	240
gattttcagc	agcgccctggc	cacaacgcct	gcgttatctg	agctgaacgg	ttccgattac	300
agcgccgttt	tctttgcggg	cgggcatgga	accatgtggg	atttccgcga	cagccaggat	360
gcccagcgta	ttatccgcga	agtgtatgaa	agtgatggga	ttgtcgcagc	cgtctgccac	420
ggacctgcgg	ctctggttga	ctcaaagctc	agcagcgggc	aatacctggg	gaaaggcaaa	480
aacgtggcgg	cctttacca	caaggaatct	tcaccagcgg	ggcgggaagg	gcagcgt	537

<210> 1263

<211> 186

<212> DNA

<213> Enterobacter cloacae

<400> 1263

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gttgttgagc	gtggttattc	tgtttccagc	gtaacaacac	ttctcgatat	caccactcac	120
ggcctttacg	cccggataaa	gaaaattgcc	gtaggtttcc	attgtcctca	gtgcatccgg	180
caatga						186

<210> 1264

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 1264

aagcagtggc	gcgcgtattc	ttcccgcgct	tgcgcgcgca	atgagatagg	taaaggccat	60
cgcaacatcg	cgctggttat	cgataacgag	acggatgacg	caagcaagcg	aatggtcgaa	120
ggttatcgca	acgtggttga	gaactactca	tttccgttta	atcgccagtt	ggtattaaca	180
gccaatgaga	atgtcgaacg	cgcgctgttg	acgcttatta	atagtctgag	caagttctct	240
tccatcgtag	ttaagcgtga	tgtttatgct	gcagaggcca	tgcgcctggt	ccgcgaattt	300
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cagttatacc	cgcaactgac	ctgcatttcc	tggccaatgg	aatccctcct	gcaccagtgc	420
gtacagcgca	ttaaaagcat	cgttgagggt	cgtcgcgttc	gcgaaacgga	actgccaccg	480
ataattggta	agcttacgcc	tcgccagtcg	gtgctggaaa	tgagttaa		528

<210> 1265

<211> 1068

<212> DNA

<213> Enterobacter cloacae

<400> 1265

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cgcatctctg	atgaagcgt	tgaggcaggt	ataaatttca	ttgatacagc	ggacgtgtat	240
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ccaatggggc	caggtcgaa	cgatcgccgt	ctttctgctt	accatattcg	caaggcctgc	420
gaggacagtt	tgcgacggct	taagaccgac	catattgacg	tctatcagat	gcatcacatc	480
gatcgctata	cgccatggga	agagatctgg	caggccatgg	aactccttgt	tcagcaggga	540
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gttgctacgg	cccgtcattc	ccttggcctg	gttgctgagc	aaagtctcta	caatctgact	660
gcccggactg	ttgagctgga	ggtcattccc	gcattgccgtc	attttggcct	gggactgatt	720
ccctggagtc	cacttgccgg	agggtttgctt	ggcggcgctac	tgaaaaagat	ggaaagcggg	780
cgccgtgcaa	ggcccgcggt	ttcccgctcta	atcgaacagt	atcgccaca	gctggaagcc	840
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ctgcagaatc	ctgtcgttac	tgtccactt	atcgggcctc	gtacggtcga	gcaactccgg	960
gaggcgcttc	acgcaacgac	aatcacgcta	tcagacgaca	ccatgagctg	tctcgacgaa	1020
atctggcccc	gacccggggg	agaagcgccc	caggcttatg	cctggtaa		1068

<210> 1266
 <211> 453
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1266
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 ggcaagacca caattcttga cgctatagat ttgtgcctgg gggcgcgacg taatgtcagt 180
 ttcagcgaca ccgatttttt tgggtctcgat gtgactcagc ccatcagcat taccttggcc 240
 ctggggtcac tgccggatgc actgaggaca atggaaacct acggcaattt tctttatccg 300
 ggcgtaaagg ccgtgagtgg tgatatcgag aagtgttgtt acgctggaaa cagaataacc 360
 acgctcaaca acctgtttga ctgcttcaat tttaaacgct ttaggataac ccttaccgct 420
 catggacacc actcattaag ccatcttaaa tga 453

<210> 1267
 <211> 909
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1267
 gaacacatta tgaataacgc cctgtataac cagatacgca tctttcagag cattgcacgt 60
 gagggcaata tttcggcagc cgcaagaaaa ctggaaatta cgctccctc cgtcagcaat 120
 gcgcttaagc tgctggaaga tcatattggc catccgcttt ttgtgcgtac gacccgccgt 180
 attgagctga cggaaaccgg gcagctgttg ctggaacaga ccgctgcggc ggtggagtcg 240
 ctggaacatt cgcttgaaag cattcgcgac cagaatcagg agccctctgg tatcgtgcga 300
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 cggccgttaa tgaaaccctt tcgtgaaggg ttatatgcat cctcagctta taccagcgag 540
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 attactaaca accgcatacct tccgttgatt ctgaacgatc gcggagagca gttgacggtt 660
 gagatgccgg ggcagttaat cagcaacgat attgacgtta tggcagacgg gatccgtaac 720
 ggcctgggaa tcggacgttt gtttgaacct atcttacagt tacagccgga caggagcgc 780
 tttatacccg tgatggagag ctactggaaa acctaccgc cagtgtatct ctattacccc 840
 aaaaacgcgg gtaaaacgaa aagagtgaag gccctgattg attttctgat atccgctacg 900
 gggcgataa 909

<210> 1268
 <211> 1290
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1268
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 aatgaccaaaa ttaatgaatc ctttcttcgc tataggaggt tccagtttat gagcaagatg 120
 atgcatgacc agcattctgc ttccgtaccc gcttcccggg atcgtcgcaa ttttctgac 180
 gccggcgccg gtctggcggt ggccgctacc acccttgga ggagcggagc agtgcgtggt 240
 aaaccggctg gtcaggacac gtcgagcgcc ccttcgggtg ctgttcccgt ccagaaggag 300
 accttaacca cgcgtaaact cggctcgctg gaggtttcca gcatgggact cgggtgtctg 360
 cctatggtgg ggtattacgg cgggtggtccg cgcgatcgta aagccatggt ttccgttatc 420
 cgggccgcct tcgaacaagg catcacgttc tttgatactg ccgaggtgta tggcccccac 480
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 ctttatcagc atcgccccga tccgaatgtg ccgattgagg atgtggcgga aaccgtgaag 720
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gacagcacag	atcgggcgga	taacctgcca	cgcttccagc	ccgatgccct	ggccaaaaaac	1020
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ttcgcgctgg	cctgggtgat	ggctcagcgg	ccatggatag	tccccatccc	gggtacgacg	1140
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ttacgcgaaa	tcgatgcagc	gcttgccagg	atcccattgc	agggcggtcg	cgcatgatccg	1260
tttaccgaaa	gtcagtttga	taaaagttaa				1290

<210> 1269

<211> 975

<212> DNA

<213> Enterobacter cloacae

<400> 1269

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gcgcttacgc	gcagtgccgt	ccccataccg	ccctgcgagc	gttctcttca	gaccgtggag	120
gcccagccgt	acttcagcgt	ttcagaggcg	tcgctcgtgc	tcgaaggggc	ggtgttcgat	180
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gctatcgaac	ccgacggcac	ccgtgagcag	atgattgttg	atcctgaagg	gggatttctt	420
gccaacgacc	ttgtctttga	taatcagggc	ggattttatt	ttacagacag	ccggggaaat	480
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aaccttaaat	cgacaagcct	ggctatccga	cccggacatc	acgagttgtt	cattgtcacc	900
aacagcggga	ccgaacctgg	tggagcgatg	atttttcgat	cgggcgcat	cgcgccggga	960
ccgcttcctt	tttaa					975

<210> 1270

<211> 561

<212> DNA

<213> Enterobacter cloacae

<400> 1270

cgctgtcgg	ggaaaccgcg	gtggtgtaaa	gcaacttgcc	cgcgggaaaa	gggggacaaa	60
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atgaagaaca	ttcctttttg	gcaaagcaaa	actttcgacg	acatgaccga	cgcgagtggt	180
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gatctgccc	catggcatcc	gctgttgacg	gggtcgaaa	cggcgatgca	cggcgaacgt	480
atttccgtgc	gccacattgc	ggtgaaagag	tccgaggtgc	gggactggga	agaccacatt	540
atgaatcacc	ctaatcgggtg	a				561

<210> 1271

<211> 894

<212> DNA

<213> Enterobacter cloacae

<400> 1271

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cgctctggt	atgatgagtg	caatttgcta	aagctgtgta	atggaaatct	cactatggtc	180
attaaggcgc	agagcccggc	gggtttcgcg	gaagagtaca	tcattgaaag	catctggaat	240
aatcgtttcc	ctgcgggata	aattctacct	gctgaacgcg	aactctctga	actgattggc	300
gtcaccggta	ccacgctcgc	agaagtgtct	cagcgtctgg	cgcgcgatgg	ctggttgacg	360
atacagcatg	gcaaaccac	taaagtgaat	aacttctggg	aaacgtccgg	gctgaacatt	420

ctggaaacgc	tggcgcgctct	cgatcacgaa	agcgtaccgc	agctgattga	taatctgctt	480
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cctgaagccc	gcagtctggc	gctcggcttc	tatcataaac	tgagcaaact	ctgcaccgaa	780
gggctgcacg	atcaggtcta	tgaaaccgtg	cgtcgttacg	gccacgactc	cggtgaaatc	840
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<210> 1272

<211> 1335

<212> DNA

<213> Enterobacter cloacae

<400> 1272

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atcgatcgcg	aatccgggtcc	ggcgctggaa	accagtgcgg	cgaatgcggg	gcaaactctcc	180
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gtctcgacca	ttcttgatga	aacctacaaa	atcgccatca	cccgttccga	taaccggatc	960
cgcgtcggcg	gcatggcgga	aatcgtgggc	tttaatactg	agctgcttaa	accgcgtcgt	1020
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gatttgagcg	ccgcacgcta	tcaatcaggg	tttaccat	cgcgtccaca	acacctgcac	1320
ggcgcgcata	attaa					1335

<210> 1273

<211> 1080

<212> DNA

<213> Enterobacter cloacae

<400> 1273

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gcctacggtc	atggtatcga	ccgtatctgg	agtgcgtcgc	gcgccaccga	tggttttgcc	180
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cgcctcggcc	cgcagcgcac	gccggtgtgg	gtcgatggcg	tgcgcaccgg	cacggtaggc	900
accgtctcaa	tggacatgct	ggccattgat	ttaacgccgt	gtccccaggc	ggggatcggg	960

tcaccggttg	agctgtgggg	caacgaggtt	aaaattgatg	atgtggccgc	tgcggcgggc	1020
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<210> 1274

<211> 633

<212> DNA

<213> Enterobacter cloacae

<400> 1274

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aagcggggcca	tgcagtggat	gccgatcagc	gaacaagccg	ggaaggcctg	gggcgtgagc	180
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<210> 1275

<211> 771

<212> DNA

<213> Enterobacter cloacae

<400> 1275

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<210> 1276

<211> 939

<212> DNA

<213> Enterobacter cloacae

<400> 1276

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<210> 1277

<211> 552

<212> DNA

<213> Enterobacter cloacae

<400> 1277

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<210> 1278

<211> 1752

<212> DNA

<213> Enterobacter cloacae

<400> 1278

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<210> 1279

<211> 1581

<212> DNA

<213> Enterobacter cloacae

<400> 1279

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<210> 1280

<211> 1620

<212> DNA

<213> Enterobacter cloacae

<400> 1280

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<210> 1281

<211> 375

<212> DNA

<213> Enterobacter cloacae

<400> 1281

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<210> 1282

<211> 186

<212> DNA

<213> Enterobacter cloacae

<400> 1282

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<210> 1283

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 1283

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<210> 1284

<211> 2106

<212> DNA

<213> Enterobacter cloacae

<400> 1284

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<210> 1285

<211> 1053

<212> DNA

<213> Enterobacter cloacae

<400> 1285

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ccggacggcg	tggcatttgc	cgtgctgctg	gctaacaatca	ccgttccgct	catcgactac	1020
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<210> 1286

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 1286

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atgatgctgg	cgttaaaata	cctgattgat	gaaaaacgta	aacgccgcgc	cgctgaacgc	660
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<210> 1287

<211> 1548

<212> DNA

<213> Enterobacter cloacae

<400> 1287

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<210> 1288

<211> 639

<212> DNA

<213> Enterobacter cloacae

<400> 1288

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gttgacttga	tgaaaaagcg	cctggaaaac	ggggatgact	tttttgcat	taacccaaaa	180
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cgtttcacta	tcgccgatgc	ctatctgttt	accgttctgc	gctgggcgcg	cgcggttaag	540
ttgaacatgg	aaggattaga	ccatgtcgca	tcgtatatga	cgcgcgtggc	ggagcgtcct	600
gcggtggcgg	cggcgtgaa	agcggaaagg	ttgaattaa			639

<210> 1289
 <211> 345
 <212> DNA
 <213> Enterobacter cloacae

<400> 1289
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 cttattaata tgacagttca ggactattta ttaaaatttc gcaagatcaa tcccttgaa 180
 agcctggaaa aactgtttga ccatctgaac tacacgctgt cggataatca ggacatcatc 240
 aatatgtacc gcgctgctga ccatcgctgc gccgaactgg tctctggcgg tcgtctgttc 300
 aatgtggggg aagtgcctaa atccgtatgg cgttacgttg tataa 345

<210> 1290
 <211> 780
 <212> DNA
 <213> Enterobacter cloacae

<400> 1290
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 acggcgtggc atttgccgtg ctgctggcta acatcacctg tccgctcatc gactactaca 120
 cgctccacg cgtgtacggg catcgctaag ggtcgcgcca tgctaaagac aatgcaaaaa 180
 cacggcgta cgtgtggcat cttcgccgac gccctcaccg ggctgaccgc gctggtaaata 240
 gaactgacga aaaccacat tgcagagcag gcaatgaagc agcaaaaagc gctgttcgat 300
 caggtgatcc catccgatct ctacgataat gacctgcaaa aaagctgctt tgtcgtgcag 360
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 gtgggcgccg tcatggaagc caccgcgccg gacgggtact ccggtgcgat tcagctgctg 480
 gtgggcagcg atttttccgg caccgtactg ggtacgcgcg tgacggagca tcacgaaacg 540
 ccgggccttg gcgacaaaat tgaaacacgc ttaagcgact ggatcttaca cttcgccgga 600
 aagatgattc atggcgagga cgatcctgct ttcgcggtga aaaaagatgg cggcgaattt 660
 gaccagttca cgggcgccac gattactccg cgcgcggtgg tcaacgcctg aaagcgcgcc 720
 gggctgtatg ccgaaacgct gccgcgcgag atcaatcatc tttccacctg tgaggagtga 780

<210> 1291
 <211> 468
 <212> DNA
 <213> Enterobacter cloacae

<400> 1291
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 ttgctttaca ccaccgact ggttacgcct catgctatcc agacactgat gtcccagagt 180
 gcgctcaata ttgcgacgtg gtttgtgtcg ttcgttttcg cgatcgcgat gtggtactac 240
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 gacgcgctgg cggttcgcca gttactgttt ccgctactgg cgacggcgt tctggtccct 420
 tatttcaagc gttcgacgcg cgtaaagaag acctttgtca acccgtaa 468

<210> 1292
 <211> 597
 <212> DNA
 <213> Enterobacter cloacae

<400> 1292
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 ccggtgggtg aaaaaattga tgaactttta cctcagagcc agtgcgggca gtgcggctac 180
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 gccaaactgca ttggctgcac aaaatgtatt caggcgtgtc ctgttgacgc cattgtgggc 420

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<210> 1293

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 1293

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ccgtttgaac	tggtgatcgc	ggtgctgctc	tctgcacagg	cgacggacgt	gagcgtcaat	180
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<210> 1294

<211> 1371

<212> DNA

<213> Enterobacter cloacae

<400> 1294

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caattgcaag	agcggggcct	cgtggcccag	gtgacggacg	aggaagcggt	agcagacgca	180
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<210> 1295

<211> 927

<212> DNA

<213> Enterobacter cloacae

<400> 1295

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cagttttcga	atcacaccca	gtacggtaaa	tggaccggct	gcgtgatgcc	gccgtcgcat	240
ctgacggaag	tcgttcaggg	ggttgcggaat	atcgaccagc	ttaaaccgctg	cgatgccgta	300
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<210> 1296

<211> 1134

<212> DNA

<213> Enterobacter cloacae

<400> 1296

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<210> 1297

<211> 360

<212> DNA

<213> Enterobacter cloacae

<400> 1297

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<210> 1298

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 1298

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<210> 1299

<211> 1158

<212> DNA

<213> Enterobacter cloacae

<400> 1299

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<210> 1300

<211> 774

<212> DNA

<213> Enterobacter cloacae

<400> 1300

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cgcgtgatct	tcattggacga	agggaaaatt	gttgaagact	cacaaaaaga	agagttcttc	720
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<210> 1301

<211> 534

<212> DNA

<213> *Enterobacter cloacae*

<400> 1301

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gtggtggact	attactcgct	aacgggaaac	aagccgaata	ccacggtgat	ggtggatatc	480
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<210> 1302

<211> 507

<212> DNA

<213> *Enterobacter cloacae*

<400> 1302

tattttttta	caacggaaaa	gaatgaaatg	actatcccgg	cacatatttg	gctcatcgat	60
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<210> 1303

<211> 1035

<212> DNA

<213> *Enterobacter cloacae*

<400> 1303

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<210> 1304

<211> 1914

<212> DNA

<213> *Enterobacter cloacae*

<400> 1304

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<210> 1305

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 1305

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<210> 1306

<211> 828

<212> DNA

<213> Enterobacter cloacae

<400> 1306

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<210> 1307

<211> 675

<212> DNA

<213> *Enterobacter cloacae*

<400> 1307

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<210> 1308

<211> 609

<212> DNA

<213> *Enterobacter cloacae*

<400> 1308

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<210> 1309

<211> 753

<212> DNA

<213> *Enterobacter cloacae*

<400> 1309

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<210> 1310

<211> 252

<212> DNA

<213> Enterobacter cloacae

<400> 1310

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<210> 1311

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 1311

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<210> 1312

<211> 2712

<212> DNA

<213> Enterobacter cloacae

<400> 1312

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gtcgttggtc	aa					2712

<210> 1313

<211> 405

<212> DNA

<213> Enterobacter cloacae

<400> 1313

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gacaaaattg	atgacctgaa	aggtcaggac	atcatcgcta	tcgacgttaa	gggtaaatcc	180
agcatcaccg	actgcatgat	catctgcacc	ggcacctcaa	ctcgtcacgt	tgtttcgatt	240
gctgaccatg	ttgttcagga	atcgcgcgcg	gcagggtcgc	ttccgctggg	cgttgaagg	300
gaagcgaccg	ctgactgggt	ggttgtcgat	ctcgcgcatg	tgattgtcca	cgctcatgcg	360
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<210> 1314

<211> 471

<212> DNA

<213> Enterobacter cloacae

<400> 1314

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tttactgagt	atctgcgtcg	tttcccaaaa	gatatgccgt	tcgaactggg	ggagatccca	120
gcaggaaagc	gcggcaagaa	cgcagatatc	aaacgtattc	tcgataaaga	gggagagctg	180
atgctggctg	ccgcaggcaa	aaaccgcac	gtgaccctcg	atatcccggg	caaaccctgg	240
gatacgccgc	agctggcgca	cgaactggag	gcgtggaagc	aggatggctg	ggacgtcagt	300
ctgttgattg	gcggaccaga	ggggttatct	cccgcctgca	aagcggcagc	agaacaaagt	360
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<210> 1315

<211> 1149

<212> DNA

<213> Enterobacter cloacae

<400> 1315

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gtctatagcg	ccctcgttat	ctggagcgcc	agcggccagg	atatcggcac	gatggagcgt	180
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agcgtataa						1149

<210> 1316

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 1316

ggtctattat	tagagacagt	tacttaccgc	ggaggcaaaa	tgatgaacaa	ggttgctcaa	60
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gacgcgctgg	tcgaacaggc	acgcgcacgc	gtgacgcaaa	cgggtgagtt	aacgcgaacc	180
gaagtggaag	aggtaacgcg	cgcgcgtgcg	cgcgacctgg	aggagtctgc	gcgaagctat	240
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gatttaaaacc	accacggtgt	ctatcacagc	ggcgaagtag	tggggctggg	gaacctggtg	420
tgtgagaagt	gccaccacca	tatcgccgtt	tatacgccgg	agggtgtgtc	gctgtgtccg	480
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<210> 1317

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 1317

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tttaagctca	ccgcgctggc	tggcctgttt	gctataacag	gccacgcttt	cgctgtggac	120
gatattacgc	gtgttgatca	aattccgggt	ctcaaggaa	agactcagca	cgcgacggtg	180
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cgctccggaa	aactcgatct	gttctacgat	ctgtacaact	tatcgcaaaa	tcgccgtttc	420
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<210> 1318

<211> 354

<212> DNA

<213> Enterobacter cloacae

<400> 1318

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caccgcgtca	cgcagctcct	gcggcaacc	gttccaggcg	gcgaaatacc	agaacagcag	120
ctgcaccagc	agcggcgtat	tgcgaaacag	cgataccag	ccgctgacga	acgacgtccc	180

gagacgtccc	ccggaagcc	gcaaaagcat	aaagaacaag	gcgagcaggc	ttgccagcat	240
aatccccgcc	agcgtcaccc	acagagtgg	gagaaatccg	gagaggatcc	agtgcagggg	300
ctgtccggcc	agcaccacct	gccagtccag	agcgggcatt	acagttgctc	ctga	354

<210> 1319

<211> 843

<212> DNA

<213> Enterobacter cloacae

<400> 1319

acgctaataa	atacacacag	gaaccacatc	atgaaaaaga	cactgacact	gatcgccgcc	60
gcaaccctga	gcgccctgag	ctttgcctcc	tgggcgga	cgctcacctg	ggggcgctcc	120
aatacccccc	acgcggaaat	tctggagcag	gctaagccga	ttctggcgaa	gcaggggatc	180
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aagctgaagc	cgggcatcga	taaagtgacc	gcgcgcacat	gcgatatcgt	ggagaacccg	540
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taa						843

<210> 1320

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 1320

ggcaacggag	tgatggcaat	gggaaatgtg	accaaagacg	aagcgtgta	ccaggagatg	60
tgtcgggtgg	taggcaagg	cgttctcgaa	atgcgtgatt	tagggcagga	gccgaaacat	120
attgtcattg	cgggcgctact	gcgtaccgcg	ctggcggaacc	agcgcgttaa	gcgcagtgag	180
ttgaccacca	aagcgtatga	aacggtgggt	aaagcgtg	ccggctaa		228

<210> 1321

<211> 1032

<212> DNA

<213> Enterobacter cloacae

<400> 1321

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ctgacagccg	ttgataacgt	caacttgacg	atagagcagg	gacagattta	cgggatcatc	120
ggttacagcg	gggcccggaa	aagtacactg	atccgtctgc	tgaacggctc	ggaaaagccc	180
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aagcatggct	ga					1032

<210> 1322
 <211> 663
 <212> DNA
 <213> Enterobacter cloacae

<400> 1322
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 ctgtttttaa ccgcccgcgg cgggttattc cacaaccgca cggtttacag cgtgatgtcg 180
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 gtgagctaca gcgcaatggc aggggtgata ggtgccggcg gtttgggaaa tctggcttat 540
 ctggaaggat tccagcgcaa ccatggtgac gtcacgctgg tggcaacggt gaccattctg 600
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 taa 663

<210> 1323
 <211> 864
 <212> DNA
 <213> Enterobacter cloacae

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 gccgatcggc tggcgatat caaggcagca ggctggtga aagtggccac gtttgatgct 180
 aatccaccct ttggctcgat tgatgccaaa acgcatgaga tcgtgggtta cgatgtggac 240
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 gctaaccgca ttccgctgct acagtccgga aaagcagatc tcacgttggc ggatacacc 360
 atcaccccg aacgcgcaca ggtcattgat ttctcgacgc cttacttcgt caccggccag 420
 cagttcctgg tcccgcaaaa atcacccgac aagcttgatg actatagccg ggcacgcatt 480
 ggccgctgaa aaggtacgac gggatgaacg gcgctgcacc agcgttttcc gcagtccgc 540
 gtcctctctt acgatgacat cccgctggcg ctgacggcac tgcgcaatgg caacgtgcag 600
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 gacttcaaaa tcctgcccga cctgctcagt aaagaagaga ttggcgtggg ggtgaaaaag 720
 ggtgaaacgg cgctgctgaa agccgttaac gatgagctgg ttaacctgga gaaaaacggc 780
 caggcgcaa aaatctatga cgtctggttc ggtccaggca gccctgctcc acagcctcgt 840
 aactttaaaa tagaagccc gtaa 864

<210> 1324
 <211> 909
 <212> DNA
 <213> Enterobacter cloacae

<400> 1324
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 aatacgccgc tgctggtgca gctgctgttc tggatattcg ccgcctggaa cgggttgccg 420
 caggagctgc gtgacgcggg gaatgcagac cacagctggt ccattttgcc cggtgacgtc 480
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aacgcccattg	ccctggaagc	ctttaccgtc	ggtacggtgc	tctacttact	taccgggatg	840
gtgacgggga	gcgtgctggt	gcgcctcggc	ccccattcag	ggaggaaaaa	tcatgatccc	900
cggatttaa						909

<210> 1325

<211> 828

<212> DNA

<213> Enterobacter cloacae

<400> 1325

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cggttcctgc	aaaaagtgtc	ggatccgctg	cgtcaggagc	aactgtaa		828

<210> 1326

<211> 735

<212> DNA

<213> Enterobacter cloacae

<400> 1326

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ccggcgggcg	tactgctctc	actgctgatg	gccgctggcg	ccgccgcgct	tgccctgccc	180
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gcgggacagg	tcaacaaccg	ggtgcaaat	taccggcgcg	ccatttttat	ctttacgggt	660
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<210> 1327

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 1327

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actgtcatga	aaaagacgaa	aattgtttgt	actatcgcc	cgaaaaccga	atccgaagag	120
atgctgagca	aaatgctgga	tgccggcatg	aacgtgatgc	gtctgaactt	ctcccacggc	180
gactatgctg	aacacgggtca	gcgtatccag	aacttgcgca	acgtgatgag	caagaccggg	240
aaaaaagcgg	caatcctgct	cgacaccaaa	ggtcctgaaa	tccgcactat	caaactggaa	300
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501

atcttcggct	gccaacaagg	cgtggacttc	gttgctgcct	cctttatccg	taaacgttct	660
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<210> 1328

<211> 1602

<212> DNA

<213> Enterobacter cloacae

<400> 1328

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<210> 1329

<211> 1158

<212> DNA

<213> Enterobacter cloacae

<400> 1329

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caagcgctga	aaaagtga					1158

<210> 1330

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 1330

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gaaatgctgg	tggacacgct	gcgccagggg	gagcgtcacg	cggcagtaga	gtttgagaag	840
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<210> 1331

<211> 363

<212> DNA

<213> Enterobacter cloacae

<400> 1331

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<210> 1332

<211> 1770

<212> DNA

<213> Enterobacter cloacae

<400> 1332

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<210> 1333

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 1333

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gtcaccacca	acgacgggtac	gccgggcgct	gccgaagata	tcaaacctga	aacctcaat	840
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<210> 1334

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 1334

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<210> 1335

<211> 666

<212> DNA

<213> Enterobacter cloacae

<400> 1335

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<210> 1336

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 1336

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<210> 1337

<211> 486

<212> DNA

<213> Enterobacter cloacae

<400> 1337

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<210> 1338

<211> 1326

<212> DNA

<213> Enterobacter cloacae

<400> 1338

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ctgacgcaac	tgaaaaatct	cgaaagcagc	aatcctgctg	ttcaggctct	ggccctgaga	1260
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<210> 1339

<211> 471

<212> DNA

<213> Enterobacter cloacae

<400> 1339

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aaccagcaag	aagagatatg	cacatacgcg	gtgcattgca	acgcgcggaa	atgcccgcat	420
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<210> 1340

<211> 1335

<212> DNA

<213> Enterobacter cloacae

<400> 1340

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ccgcctgcga	tgacgcgtct	gcgcgatgga	gacatcgtcg	cgctggacga	gaaatatacc	360

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<210> 1341

<211> 1419

<212> DNA

<213> Enterobacter cloacae

<400> 1341

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ggcggaatat	tcacttaacg	ccgggaaggt	ttcggcgagc	tgatcggtct	ctgctccgcc	300
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<210> 1342

<211> 735

<212> DNA

<213> Enterobacter cloacae

<400> 1342

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taccgcacgg	aatatccctc	cattgaagg	ctacgaaatg	ccggagcagt	ctgcattcag	180
gcggatttct	ccacggatga	aggatatact	gccttcgcgg	acaaagtga	atcgaccacc	240
cacgggctgc	gggcgggttat	tcacaacgcc	agtacctggc	ttcctgaaaa	agcaggacat	300
tcgctcagcg	aaacgctcgc	ctgcatgatg	cagatccacg	ttaatgcgcc	ttatctgctc	360

aaccatgccc	tacaggatct	gctgcgcgga	cacggtcattg	ccgcaggcga	cattatccat	420
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gccgcgctgg	ataatatgac	ccgctctttc	gcacgcaagc	tggcgcccga	ggtaaaggctc	540
aacgcgattg	ctccggcgat	gattttattt	aacgaaggcg	atgatgccga	gtatcgtcag	600
caggcgctca	acaagtcggt	aatgaaaatt	gcgcccgggtg	agaaagaggt	gatcgacctg	660
atcgattatc	tgctgaccag	ctgttacgtc	acggggccgaa	cgtttgccgt	ggacggtggc	720
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<210> 1343

<211> 765

<212> DNA

<213> Enterobacter cloacae

<400> 1343

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atggaagtgg	ttgtcgagcc	tcgtggcgat	cgcgctgaag	acgtcgtagc	ccgcgaaaat	180
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gatctgcgca	cgaagtggga	cggtccgatc	gtgctgctga	cctctctcga	cagcgatatg	300
aatcatattc	tgctcgcttga	gatgggcgcg	aatgactaca	tcctgaaaac	cacgccgcca	360
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gaagcgtctg	ccccctcttt	aacgcgcgac	aaagcgatgc	gcttcggcac	gctttctatc	480
gacccggtca	accgacaggt	tatgctttcc	ggggagctga	ttgcgctctc	aaccgcagat	540
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ctgaaaaatc	tgcgcggcgt	aagttacgac	ggaatggatc	gtagcgttga	tgtggcgatt	660
tcgcgtctgc	gtaaaaaact	gctagataac	gccacggaac	cttaccgcat	taaaaccgta	720
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<210> 1344

<211> 990

<212> DNA

<213> Enterobacter cloacae

<400> 1344

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<210> 1345

<211> 942

<212> DNA

<213> Enterobacter cloacae

<400> 1345

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cgcgctctttt	ccctgcccga	gggtggcaaaa	ggcgcagaac	acgaccgcgt	gaacaccatt	180

gaggtgacgc	agcatgttgg	caaggcggcg	ctggaaatga	cgttgcagca	ctatcgtcgc	240
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gtcatctgct	tgcaaacgga	tgccgcaacg	cgtgaaggaa	ttgaggcgca	gattacgcac	360
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gctgcccgtt	ttgaatgggt	gcatcgccag	cttcgggggc	tgatcacctc	gaatgcctac	480
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<210> 1346

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<400> 1346

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ccggacaacc	tgccgatggc	agagctgtgg	atgggcgcgc	acccgaagag	cagctcaaaa	180
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<210> 1347

<211> 1608

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1581)

<400> 1347

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<210> 1348

<211> 345

<212> DNA

<213> Enterobacter cloacae

<400> 1348

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<210> 1349

<211> 1398

<212> DNA

<213> Enterobacter cloacae

<400> 1349

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1398

<210> 1350

<211> 1716

<212> DNA

<213> Enterobacter cloacae

<400> 1350

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<210> 1351

<211> 939

<212> DNA

<213> Enterobacter cloacae

<400> 1351

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<210> 1352
 <211> 1290
 <212> DNA
 <213> *Enterobacter cloacae*

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 cacggcccga cgctggcggt caaagatttc ggcggtcggt ttatggcgca gatgctgacc 360
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<210> 1353
 <211> 969
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1353
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<210> 1354
 <211> 537
 <212> DNA
 <213> *Enterobacter cloacae*

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<210> 1355

<211> 1350

<212> DNA

<213> Enterobacter cloacae

<400> 1355

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<210> 1356

<211> 2466

<212> DNA

<213> Enterobacter cloacae

<400> 1356

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<210> 1357

<211> 750

<212> DNA

<213> Enterobacter cloacae

<400> 1357

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<210> 1358

<211> 1500

<212> DNA

<213> Enterobacter cloacae

<400> 1358

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<210> 1359

<211> 840

<212> DNA

<213> Enterobacter cloacae

<400> 1359

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gcgctgttgg	ccttcaaagg	tgacgtctac	actggcctgc	aagcagaaac	gtttagcgaa	360
gccgatttcg	atcttgccca	gcagcatctg	cgcatgttat	ccggcctgta	cggggtgctg	420
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<210> 1360

<211> 564

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (19)

<220>

<221> unsure

<222> (20)

<400> 1360

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cacctggcgg	ataacgaagg	catcgttcac	gttgccggct	gggtcggtct	ggtttgcggc	480
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ctaccgattg gtgaaaaaca ctga

564

<210> 1361

<211> 906

<212> DNA

<213> Enterobacter cloacae

<400> 1361

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<210> 1362

<211> 1008

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (982)

<400> 1362

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aaccagggac	agatcggcga	atatgatacc	gccatcgcca	gcataaagaa	gcgtgccgac	960
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<210> 1363

<211> 1110

<212> DNA

<213> Enterobacter cloacae

<400> 1363

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gactggcgca	ccattattac	cctgagcgg	ttgatgatgc	tcaccaaagg	cgtggagctg	180
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<210> 1364

<211> 1551

<212> DNA

<213> Enterobacter cloacae

<400> 1364

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accacgcact	ggaacgataa	gggcgacagc	gcggtagaat	cgaaacttc	ctccgccgcc	180
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gccatcgccg	ggaatctgac	gctacagcaa	acggtattac	gcattgccc	cgcgcgcaaa	300
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<210> 1365

<211> 726

<212> DNA

<213> Enterobacter cloacae

<400> 1365

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ggataa						726

<210> 1366

<211> 483

<212> DNA

<213> Enterobacter cloacae

<400> 1366

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<210> 1367

<211> 1590

<212> DNA

<213> Enterobacter cloacae

<400> 1367

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<210> 1368

<211> 1398

<212> DNA

<213> *Enterobacter cloacae*

<400> 1368

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<210> 1369

<211> 1338

<212> DNA

<213> *Enterobacter cloacae*

<400> 1369

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gccttcgcca	cggtaatgcc	gattttcatc	cttgccgggtc	tggcggtgct	ggtgaataac	180
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<210> 1370

<211> 1098
 <212> DNA
 <213> Enterobacter cloacae

<400> 1370
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<210> 1371
 <211> 1062
 <212> DNA
 <213> Enterobacter cloacae

<400> 1371
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 cgctggcagg acggatcaac accgtgcaca acgcctctca gacaaattat tgccgtgaag 180
 gatttttaacg atgtgaccag cgggactaaa ggcggttggg ttgaggatga acacgcgctc 240
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 gttatcgagg cgctggaggg tgaaagcatt cacgtccggg gagccaaagt gatcaacggc 1020
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<210> 1372
 <211> 1254
 <212> DNA
 <213> Enterobacter cloacae

<400> 1372
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 accccgggccc agcacgacat ggcgcgggag ctggcgaagg agctgaaaac gctggggtta 180
 gatgatattg tgatagatga gttcgcacc gttaccgccg tgaaaaaagg taatgttccc 240
 ggcgcgccgc ggattggttt tattaccat atcgacaccg tcgacgtcgg tttatccccg 300

gatatttcac	cacaaatatt	aaccttttac	ggggatgac	tctgtctgaa	taaagagaaa	360
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<210> 1373

<211> 846

<212> DNA

<213> Enterobacter cloacae

<400> 1373

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aaaatcgcc	cgctggaaag	ctgggttcggc	ttcccgtgtg	tcgagcgcca	tgcccgcggc	180
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ctccagattg	cgctgaccac	caccaccgat	cacaacgtca	atttcaaaac	cgaatcctgt	420
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<210> 1374

<211> 1524

<212> DNA

<213> Enterobacter cloacae

<400> 1374

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gtgacgatca	attaccgtct	cggccacctc	ggcttttttg	ctcatccggc	gctggagggg	480
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<210> 1375

<211> 1200

<212> DNA

<213> Enterobacter cloacae

<400> 1375

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cataacgcc	tcaacctttc	tcagggggcg	ccgaattttt	cctgcgaccc	aaaacttatt	180
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ccgctgtcgg	cgtttttatgc	cgatggcacg	gacaataagt	taatccgtct	ctctttttgcg	1140
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<210> 1376

<211> 1746

<212> DNA

<213> Enterobacter cloacae

<400> 1376

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tcacacgacc	ataaggacgt	tttctcaggc	atgaatcgca	gacgtttttt	caaaggttcc	120
ctggcaatgg	ctgccctgag	cggcacttct	ggccttgctt	ctctgttttc	ccaggcggcg	180
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caatccatgg	cgcacgatct	ggcgaaaacc	gcgtggggcg	gtgcgcgcgc	tcgcgtgccg	300
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<210> 1377

<211> 645

<212> DNA

<213> Enterobacter cloacae

<400> 1377

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<210> 1378

<211> 603

<212> DNA

<213> Enterobacter cloacae

<400> 1378

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<210> 1379

<211> 861

<212> DNA

<213> Enterobacter cloacae

<400> 1379

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<210> 1380

<211> 1008

<212> DNA

<213> Enterobacter cloacae

<400> 1380

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aacgtcatca	tcgcgatgct	gctggtccgt	acttttatct	tgctgatgca	gggcaaactt	960
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<210> 1381

<211> 1599

<212> DNA

<213> Enterobacter cloacae

<400> 1381

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<210> 1382

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 1382

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gagcgggggg	agttgcgcgt	cagtaccctc	tcctccccgc	ttatttacga	cgatatcaac	180
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cgtgccgata	ttctcgccgc	aggtctgggt	tacaacagcg	aacgcagcaa	aaactatcag	360
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<210> 1383

<211> 777

<212> DNA

<213> Enterobacter cloacae

<400> 1383

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<210> 1384

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 1384

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<210> 1385

<211> 1485

<212> DNA

<213> Enterobacter cloacae

<400> 1385

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<210> 1386

<211> 348

<212> DNA

<213> Enterobacter cloacae

<400> 1386

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cgtcagaagg	gccacaccga	gctataccgt	ggcgagagtg	acatggtgga	ctttctgccg	180
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atccgcacgg	cgcagaccgg	taaaattggc	gacgggaaaa	tcttcgtctt	tgacgtggcg	300
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<210> 1387

<211> 1365

<212> DNA

<213> Enterobacter cloacae

<400> 1387

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<210> 1388

<211> 3918

<212> DNA

<213> Enterobacter cloacae

<400> 1388

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<210> 1389

<211> 771

<212> DNA

<213> Enterobacter cloacae

<400> 1389

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gccggctgtg	taacccatgc	acaaaaaagt	gcgattagcc	acaaacagga	agataaatgg	180
ccgcaaaaac	agctggccga	tttcctttca	acacgttgcg	atgatatactg	gagcctgtcg	240
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ctggcgccc	ccgaggcccg	tgcccaggcg	gcgatgctga	tggacgatac	ctggcaggac	360
gcgtttaaa	gcgggacgt	gatggcggtg	gccagaatca	cgctgtcgca	acgccgcgcc	420
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cagctctcga	cgcgtaagcc	ggcaggcagc	tatctgccc	atgggtcgaa	aggcaactct	720
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<210> 1390

<211> 1293

<212> DNA

<213> Enterobacter cloacae

<400> 1390

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ccgattatcc	cgttcattga	aggtagacgt	atcgggtgag	acgttaccct	ggcaatgctg	180
aaagtgggtg	atgccgctgt	tgagaaaagg	tacaaaaggcg	agcgtaaaat	ttcctggatg	240
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aaaaccgtca	cctatgactt	tgaacgtctg	atggaaggcg	ctaaactgct	gaaatgctca	1260
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<210> 1391

<211> 300

<212> DNA

<213> Enterobacter cloacae

<400> 1391

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ccggtagaag	aggcagagcg	tacgccgctg	gcacactatt	tccagctgct	gctcactcgc	180
ttatacaaca	atgaggaaat	cagtgaagag	gcgcagcggg	agatggctgt	ccaggcggag	240
atagacgaag	cgcgcatgta	cgatattgca	aacttcctga	atcagtgggg	caatgaataa	300

<210> 1392

<211> 1035

<212> DNA

<213> Enterobacter cloacae

<400> 1392

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gcactgggca	ttggcgacga	agtgtctgtc	ccagtgtatg	tcccgggtact	gcatacagctg	180
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accgcgaagc	ggtaa					1035

<210> 1393

<211> 282
 <212> DNA
 <213> Enterobacter cloacae

<400> 1393
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 atcgtcacga tcattctggg gattgtgggt gcagtcgtcg gcggctggat cagtaccctg 180
 ttcggctttg gcagagttga tggcttcaac ttcggcagct ttgtcgtcgc ggtgattggc 240
 gcgctggttg ttctgtttat ctacagaaaa atcaaaagct aa 282

<210> 1394
 <211> 669
 <212> DNA
 <213> Enterobacter cloacae

<400> 1394
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 acgcggttca tactgttcaa taaaccctac gatgtattgc cgcagtttac cgacgaggcc 180
 gggcgacaga cgctgaagga ctttatcccc gtacagggag tctacgcagc gggacgtctg 240
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 gacgcgtcgc tggcaaagct gcgcaacggc gtaacgctga acgacggtcc caccctgccg 420
 gctggtattg aacgtgtgaa tgaacccgag tggctgtggc cgcgcaaccc gccgattcgt 480
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 caggtcaggc gcatgactgc gcatgtgggc ttccctaccc tgcgactcat tcgctacgcc 600
 atgggcagct atacgctgga ctcgctggca aacggggaat ggcgggatgt taccctaag 660
 gagaactga 669

<210> 1395
 <211> 1287
 <212> DNA
 <213> Enterobacter cloacae

<400> 1395
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 gtgggggggg gtgatagaat acgcgcgctt gaagttcaat gtcgtgagta ttccatgtca 180
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 gtttttgaac tcttcctcga agagtacaaa gcgggcccga cgccaaaacc ggatctcctg 480
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<210> 1396
 <211> 657

<212> DNA

<213> *Enterobacter cloacae*

<400> 1396

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gacgctgacg	ccctgcacgt	ttcacttaac	agcgttatcg	acctcaaccc	aggctccacg	180
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<210> 1397

<211> 1143

<212> DNA

<213> *Enterobacter cloacae*

<400> 1397

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tga						1143

<210> 1398

<211> 1425

<212> DNA

<213> *Enterobacter cloacae*

<400> 1398

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<210> 1399

<211> 297

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (71)

<220>

<221> unsure

<222> (81)

<400> 1399

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gtcggttattg	ttgatcctca	cagcacggat	gaagatagcg	ccctgcgcac	cgcggtaccc	240
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<210> 1400

<211> 1548

<212> DNA

<213> Enterobacter cloacae

<400> 1400

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<210> 1401

<211> 483

<212> DNA

<213> Enterobacter cloacae

<400> 1401

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<210> 1402

<211> 720

<212> DNA

<213> Enterobacter cloacae

<400> 1402

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catcaggttg	acgatgctga	agacgcgaaa	gaggccgatt	attatctcaa	tgaacacctg	180
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cgcgaaagcc	acaccattga	cgtgctgatg	ggccgcctgc	gtaaaaaat	tcaggcgacg	660
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<210> 1403

<211> 1464

<212> DNA

<213> Enterobacter cloacae

<400> 1403

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<210> 1404

<211> 1431

<212> DNA

<213> Enterobacter cloacae

<400> 1404

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<210> 1405

<211> 2052

<212> DNA

<213> Enterobacter cloacae

<400> 1405

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<210> 1406

<211> 411

<212> DNA

<213> Enterobacter cloacae

<400> 1406

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gtgctggtag	acagactctg	gccgcgagga	ataaaaaaga	ccgacctcgc	ctgtgatgag	180
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aaacgcctgg	cggccctcgc	ccgacagcag	accgtgacgc	tactctacgg	ggcgaaaaac	360
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<210> 1407

<211> 279

<212> DNA

<213> Enterobacter cloacae

<400> 1407

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tatccgccag	ccttaaagca	aggtcgacgc	tgggttatag	atgaagatgc	tcgttttgtt	180
ggcatggttg	gcagtgttga	tatttcgtca	tcattatcag	acaaggcccg	ccagttagtg	240
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<210> 1408

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 1408

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agccacaaca	ccaccgtcgc	gatttccatt	ctggctctga	tcactcgttcg	cgtcacaccg	180
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ggcaccgtgt	taggcgtggc	gctgtttcgt	ggcgtgccgg	ttggcccgtt	gattgctgcc	480
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<210> 1409

<211> 711

<212> DNA

<213> Enterobacter cloacae

<400> 1409

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<210> 1410

<211> 1143

<212> DNA

<213> Enterobacter cloacae

<400> 1410

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<210> 1411

<211> 537

<212> DNA

<213> Enterobacter cloacae

<400> 1411

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<210> 1412

<211> 1197

<212> DNA

<213> Enterobacter cloacae

<400> 1412

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attcacgata	ccgcgggaga	ctggcgcat	ccgctgctgg	cctgtgcgct	ggctgcggta	1140
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<210> 1413

<211> 753

<212> DNA

<213> Enterobacter cloacae

<400> 1413

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<210> 1414

<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 1414

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gcgtcagtg	actgtctgga	gaaaggggga	gagcaaattc	ctgttcaaag	ccgcagggt	180

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cgcgatcacc cgcaaccaac cagatga 267

<210> 1415

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 1415

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gcgctggggt	atgactccac	caccgccttc	atcaccatgt	ttaagaaaag	gctgggacag	780
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<210> 1416

<211> 567

<212> DNA

<213> Enterobacter cloacae

<400> 1416

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aagcaggtcg	cgttcaccca	cccgtactac	gcgaactctg	cggtgggtgat	tgcgaagaaa	180
ggagcttata	aatctttcga	cgagctgaaa	ggcaagcgca	tccggcatgga	gaacggcacc	240
acgcaccaga	aatacctcca	ggacaagcat	cctgaagtga	aaaccgtggc	ctacgacagc	300
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<210> 1417

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 1417

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<210> 1418

<211> 882

<212> DNA

<213> Enterobacter cloacae

<400> 1418

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<210> 1419

<211> 1803

<212> DNA

<213> Enterobacter cloacae

<400> 1419

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<210> 1420

<211> 480

<212> DNA

<213> Enterobacter cloacae

<400> 1420

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aggccgacaa	tgaagaaggc	gcagaaggct	aacagggtccg	tcacctggct	gtggatcgag	180
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gcgttggtgt	ttttcaccac	aatctcttcg	gtgacgatac	gcattgtccag	caggtcgcgg	420
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<210> 1421

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 1421

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gcgtgctttg	gcaaggattg	ccgcattgct	ttatctgact	gggcgtccac	cggacgattt	120
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tggcaggaag	tggcgtggct	actgagtggc	gttttctggt	gtgcgctggg	cgcgctctgt	480
ttcttattta	cgcgcagcct	gctgcaacag	cggaagcacc	gtaaataa		528

<210> 1422

<211> 1086

<212> DNA

<213> Enterobacter cloacae

<400> 1422

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ccattcctcc	tgcgcctcgt	gtatgatagg	caggctttta	ccatgtcttt	agagaggtgc	180
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ggttaa						1086

<210> 1423

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 1423

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atggatcatga	tggaagccaa	cgcacatcac	ctgctgtata	gcgcggaaga	tgacgccgag	480
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<210> 1424

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 1424

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ggcgtggtcg	gaattgtcgg	atttatcgcc	tggtatttga	tggcgcgcg	ggaaaaacag	840
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<210> 1425

<211> 519

<212> DNA

<213> Enterobacter cloacae

<400> 1425

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<210> 1426

<211> 1542

<212> DNA

<213> Enterobacter cloacae

<400> 1426

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cgacttcagg	tcgaagtggc	agacaatggt	acgggcgtag	atgcctcgct	gcgcgacgat	1380
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<210> 1427

<211> 1218

<212> DNA

<213> Enterobacter cloacae

<400> 1427

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<210> 1428

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 1428

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<210> 1429

<211> 1137

<212> DNA

<213> Enterobacter cloacae

<400> 1429

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gcacacgcgg	tgggcgagtg	gtgcgcaccc	gtcagcggcc	cggagcaggg	ctttcgcaat	180
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<210> 1430

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 1430

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caccgttcca	ttcgccattt	caccgatgag	ccaattaccc	aggcgacagc	ggacgcgatc	180
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<210> 1431

<211> 1137

<212> DNA

<213> Enterobacter cloacae

<400> 1431

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cacgtctata	actggtctga	ctatatggc	ccggataccg	tcgccaattt	tgaaaaagag	180

accggcatta	aggttgtcta	cgacgtattc	gattccaacg	aagtgctgga	aggcaaactg	240
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gatccggacg	tgctgaagct	ggtggcgaag	cacgaccggg	acaacaaata	cgcgatgcct	420
tacctgtggg	cgaccaccgg	tattggctat	aacgtggata	aagtcaaagc	ggcgtctggc	480
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ccggcgatct	accgccagc	cgatgtgttt	gccaaagctc	tcaccctgaa	agtgcaggaa	1080
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<210> 1432

<211> 729

<212> DNA

<213> Enterobacter cloacae

<400> 1432

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<210> 1433

<211> 2097

<212> DNA

<213> Enterobacter cloacae

<400> 1433

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<210> 1434

<211> 477

<212> DNA

<213> Enterobacter cloacae

<400> 1434

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aaaaaagaga	tcccggaccc	caccgtaaaa	cccgggacgc	atattgaatat	gtttatgggc	420
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<210> 1435

<211> 2187

<212> DNA

<213> Enterobacter cloacae

<400> 1435

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<210> 1436

<211> 1818

<212> DNA

<213> Enterobacter cloacae

<400> 1436

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<210> 1437

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 1437

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<210> 1438

<211> 1134

<212> DNA

<213> Enterobacter cloacae

<400> 1438

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<210> 1439

<211> 678

<212> DNA

<213> Enterobacter cloacae

<400> 1439

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gaacagggaa	acagtaaatg	gttatcgtag	gataatgcga	tgatcgtcac	gcataacggt	300
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caggccgacg	gcctcgatcg	tcgctggcat	aacaccttct	ggattgattc	cgctaccggc	600
caggtacgcc	agagcgaaca	gatgctcggc	gcgggcgtat	tccctgtcgc	catgacgatg	660
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<210> 1440

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 1440

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gatggagctg	gaacatatcg	agcagttcac	ggctatcgca	ccggaggcgc	gcggcaaaat	120
gatgctcttt	ggctactgga	cgggcaaaaa	agagatcccg	gaccccaccg	taaaaccg	180
gacgcatttg	aatatgttta	tgggctgctg	gagcaggcca	gtctggaatg	ggcgaaacgg	240
ctcagttaa						249

<210> 1441

<211> 840

<212> DNA

<213> Enterobacter cloacae

<400> 1441

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accgccgaat	actgtatggt	gccgcgcgca	acccataccc	gtaatgcccg	tgaagcggca	360
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<210> 1442

<211> 690

<212> DNA

<213> Enterobacter cloacae

<400> 1442

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ctgaaatccg	ggcgtaaaag	cccgattttc	ttcaacgccg	ggctgtttta	taccggg	180
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gacgtgatca	ccgcaggtag	cgcgatccgt	gaatcgatgg	agataatcca	ggctaaccgt	480
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<210> 1443

<211> 219

<212> DNA

<213> Enterobacter cloacae

<400> 1443

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aacctcgatt	taatttg	gaacgacgta	tcgctgtcca	cgcaaggatt	taacagcgac	180
aggcaacgca	ttgcaccttt	tctggcagga	tggagataa			219

<210> 1444
 <211> 684
 <212> DNA
 <213> Enterobacter cloacae

<400> 1444
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 aatacggatg agaccctgct ggcaagccag atcctggcat tttgcgaagg gatgctctcc 600
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<210> 1445
 <211> 918
 <212> DNA
 <213> Enterobacter cloacae

<400> 1445
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 gagatcaacc cggttgatat tctgctgctg cctggcgctga tggccgcccg agagcaggat 420
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 gactttatga tgcaggagtt caatcgcgag tcgaacacgc tggcgctctaa gtctatcaat 840
 gcagaggtaa ccaattcagc gattgaaactg aaggtcctga ttgagcagat gcgcgagcag 900
 atccagaata tcgagtaa 918

<210> 1446
 <211> 579
 <212> DNA
 <213> Enterobacter cloacae

<400> 1446
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<210> 1447
 <211> 645

<212> DNA

<213> *Enterobacter cloacae*

<400> 1447

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gtggtgggta	tctccaccct	gctgtttggc	tttaccgcgc	gtatgctggc	attgcgcctg	600
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<210> 1448

<211> 570

<212> DNA

<213> *Enterobacter cloacae*

<400> 1448

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<210> 1449

<211> 1578

<212> DNA

<213> *Enterobacter cloacae*

<400> 1449

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<210> 1450

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 1450

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<210> 1451

<211> 996

<212> DNA

<213> Enterobacter cloacae

<400> 1451

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gccatcgatg	tggtgatcca	ccgcatggcc	cagcccacgc	tgcaacagca	acgtttgcag	960
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<210> 1452

<211> 1872

<212> DNA

<213> Enterobacter cloacae

<400> 1452

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aagcgcccat	ggtattttcg	cctgcgcggc	aagctgtatc	tcattctgca	acgtaacgcc	1800
ctgcgtgcgc	ctgaccagtt	tgagatcccc	cctaatcgcg	tgattgagct	gggcacgcag	1860
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<210> 1453

<211> 831

<212> DNA

<213> Enterobacter cloacae

<400> 1453

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atgagcccg	acttttttac	cgtcaataac	ctgttcaaca	ttcttcagca	gacctctgtc	180
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ggtcgttata	tctatgcgct	gggcggtaac	gaagcggcaa	cgcgcctgtc	cggtatcagc	660
gttaataaa	tcaaaattat	cgtttactcc	ctgtgcggcc	tgctggcgct	tctggcgggc	720
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<210> 1454

<211> 996

<212> DNA

<213> Enterobacter cloacae

<400> 1454

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gtgggtgacg	ggacgcagga	taacttgtct	ggttgcgaaa	aagcggta	ggtaaaaagt	180
aaaacactgc	cagacgctca	gttcgaagt	gttcattccc	tggcgaagt	gaagcgtcaa	240
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cgccccgatg	aagaccgcct	ctccccatt	cactctgtct	acgttgacca	gtgggactgg	360
gagcgcgtaa	tgggtgacgg	cgagcgccac	gttggcacgc	tgaagtctac	cgttgaggcg	420
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ttcttgccgg	aaacgatcca	ctttgttcac	agtcaggagt	tgctgagccg	tttcccggat	540
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caggcgctgc	tgcgcggtga	aatgccgcag	accatcgggc	gtggtattgg	ccagtctcgt	900
ctgaccatgc	tgctgttgca	actgtcccat	atcggtcagg	tgcagtgtgg	ggtctggccg	960
cagcaggtac	gtgagagcgt	cggttctctt	ctttaa			996

<210> 1455

<211> 450

<212> DNA

<213> Enterobacter cloacae

<400> 1455

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tcacgcgtga	tttcccgtct	tgggcatacc	gatacgctgg	tggtttgcga	tcagggctta	120
ccggttccgc	gcagcacaac	ccgtatcgat	atggcggttaa	cgcagggcgt	gccctcgttc	180
atgcaggtac	tggaagtggg	caccgcggag	atgcaggttg	aggcggccat	tctcgcggcg	240
gaaatcaaac	agcataatcc	gcaactccac	gaaacgttgc	tcagccacat	tgagcaactg	300
caacagcacc	agggaaacac	catagaaatt	cgttacacaa	cgcacgagca	gtgcaaacaa	360
cataccgcac	acagtcatgc	ggtgattcgc	agcgggggaa	tgtttcccc	gtatgcgaat	420
atcattctct	gtgctggcgt	caccttctga				450

<210> 1456

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 1456

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ttggctgggt	cggatatcgg	cgcccgcgtg	gtgtcccgc	cccgggtctg	atcatggcta	120
tcgttttctt	ggcggcgtgg	tacatgctgc	accatacccg	tctgggtcgt	tatatctatg	180
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tggttctggg	cggtagcagt	ccttgcgggc	ggtaaaggct	gcattgttgg	gacattgatc	420
ggcgcactga	tcctcgggtt	cctgaataat	ggtttgaatt	tgttagggtg	ttcctcctat	480
taccagatga	tcgttaaggc	agtggtgatt	ttgctggcgg	tactggtaga	caacaaaaaa	540
cagtaa						546

<210> 1457

<211> 918

<212> DNA

<213> Enterobacter cloacae

<400> 1457

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gttgtctcta	ccctgaacaa	cccgttcttc	gtctccctga	aggatggcgc	gcagaaagaa	180
gcagataaac	tgggctacaa	cctggtgggt	ctggattctc	agaacaaccc	ggcgaaagag	240
ctggctaacg	ttcaggactt	aaccgttcgt	ggcaccaaaa	tcctgctgat	caacccaacc	300
gattccgacg	cggtcggtaa	tgccgtgaag	atggcaaacc	aggcgaagat	cccggtaatc	360
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actgccgata	aagtgtcgaa	gggcgaaaaa	gttcaggcca	aatatcctgt	tgacctgaaa	900
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<210> 1458

<211> 897

<212> DNA

<213> *Enterobacter cloacae*

<400> 1458

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gccgatcaca	ttcttaacct	tgaaacgttc	cccactccgg	gcgaaaccgt	caccggcaat	180
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ggggctaattg	ccgcgttaac	gactgaacgc	gtcgaagcgc	agcgtggaat	tatcgccgga	480
gcggaagccc	tgtgatgca	gctggagtca	ccggttgaaa	gcgtgctggc	cgctgcgaaa	540
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aaaggcatcg	gcaccgtgat	catcaccctc	ggcagccgtg	gggtgtgggc	tagcgtcaat	780
ggcgaaggtc	gtcgcgtgcc	gggctttaag	gtcaaagcca	ttgataccat	cgccgcaggg	840
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<210> 1459

<211> 441

<212> DNA

<213> *Enterobacter cloacae*

<400> 1459

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atgcgcagca	gtcttgaacc	tcaggcctgt	ctgcttgccg	ccacgctcgg	cacagcagag	120
caaaaagcgc	agctcaatac	tttgatggaa	gagatggtgg	atctgaaaaa	gcactttaac	180
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aatcctttcc	tgacctcctt	tgttctttta	ttccattctg	tgtaccacac	ttactttacc	300
tctatcacac	aggatgaggt	ggtgaagctg	aatctgcata	aggcgatagt	cgatgccatt	360
caggagagcg	acgggcagcg	agccctgagt	gcgtgccagg	cggtgctggc	cgcgcccaacc	420
caccagcagg	taaataaatg	a				441

<210> 1460

<211> 1464

<212> DNA

<213> *Enterobacter cloacae*

<400> 1460

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cccggcatca	tgcgcatctt	cgatcatatc	tggcgctttg	ataccggggt	gcgtagccgc	1440
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<210> 1461

<211> 1434

<212> DNA

<213> Enterobacter cloacae

<400> 1461

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cttaaccgct	ccccgctggc	gatgcaatcc	gccatcatca	gctacaccct	gacggtggcg	180
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ctggcggtga	cgttgttcac	cctcggttct	ctggcttgcg	ccctctccac	ctctctgacg	300
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gtggtatcgg	cggtggtctt	tatgttgtta	aaacccaaag	acggccggaa	cctgattaaa	1380
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<210> 1462

<211> 1587

<212> DNA

<213> Enterobacter cloacae

<400> 1462

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<210> 1463

<211> 468

<212> DNA

<213> Enterobacter cloacae

<400> 1463

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agcgccaaag	attacccttc	cgcgctggag	aaactgaacg	cgctggatga	agtcactgag	300
gcgtactaca	ccaccgggca	ctacagcatc	tttataaagg	tcattgtgcc	atccattgac	360
gcccctccagc	aggtaattat	caacaagatc	caaacaatcg	atgaaattca	gtccactgaa	420
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<210> 1464

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 1464

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accctgggcg	gtgcggaata	tgtagcggaa	catctggctg	agaagctgga	agacgcgggc	180
ttttctacac	aaacgctgca	cggaccgctg	ctggaagatc	tcccgaactga	cggggtctgg	240
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<210> 1465

<211> 978

<212> DNA

<213> Enterobacter cloacae

<400> 1465

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cctgaagatg	agagtgaagc	cgcgaccttt	atcaataagg	tgattgagtt	tgagattatg	900
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<210> 1466

<211> 735

<212> DNA

<213> Enterobacter cloacae

<400> 1466

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aaatttttac	agcataaccg	ggtcgacgcg	atattcctcg	atattaatat	tccgtcgctg	180
gacggcgctc	tgctggcgca	aaatatcaat	cagttcgccc	acaagccgtt	tattgtgttt	240
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<210> 1467

<211> 1260

<212> DNA

<213> Enterobacter cloacae

<400> 1467

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gtggcgggcg	tgctgcaaac	gatttttatg	accgcgcttc	cggtaaaaat	cggtcatcagc	180
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<210> 1468

<211> 957

<212> DNA

<213> Enterobacter cloacae

<400> 1468

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gatgaagatc	gcctgccgtc	acgcgccatg	gctattcatg	agcatattcg	ccaggacggg	180

gaaaaagaga	tggagcgcgga	cgcgatggcc	ctgctgtggt	cagccattgc	agccggtctg	240
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<210> 1469

<211> 381

<212> DNA

<213> Enterobacter cloacae

<400> 1469

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cgtgatgatt	tgcgagagcg	tattacgcat	tcgctgcaag	aatttatccc	gctgcgcttt	360
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<210> 1470

<211> 1725

<212> DNA

<213> Enterobacter cloacae

<400> 1470

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<210> 1471

<211> 1311

<212> DNA

<213> Enterobacter cloacae

<400> 1471

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<210> 1472

<211> 1254

<212> DNA

<213> Enterobacter cloacae

<400> 1472

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<210> 1473

<211> 981
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1474
 <211> 1416
 <212> DNA
 <213> Enterobacter cloacae

<400> 1474
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<210> 1475
 <211> 888
 <212> DNA
 <213> Enterobacter cloacae

<400> 1475
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tacttccaga	accatgactt	tattgccaac	ggcggtaagc	tgaagccgga	agataatccg	840
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<210> 1476

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 1476

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ggcagtgcag	tcacgtctcg	cgcggaaatg	gacgaacagt	ggggctacgt	cggggctaaa	180
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ctgcacgtaa	tcagcaagcg	atatacgcat	cgaattgagc	ggcataacct	gaatctgagg	420
cagcacctgg	cacggctggg	acggaagtcg	ctgtcgttct	caaaatcggt	ggagctgcac	480
gacaaagtca	tcgggcatta	tctgaacata	aaacactata	aataa		525

<210> 1477

<211> 234

<212> DNA

<213> Enterobacter cloacae

<400> 1477

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ctgccggaca	tcagcgctat	ctctgctctc	actgccgtaa	aacatggcag	ttacagttca	180
catacacagc	ctctcaaccc	ggtacgcacc	agaaaatcat	tgatatggcc	atga	234

<210> 1478

<211> 942

<212> DNA

<213> Enterobacter cloacae

<400> 1478

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tcgctgacca	caaaaccgca	tctgacgcag	gatcagcagg	ccctgataca	ggacattctt	180
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gaaaaactgt	cagccgggca	acgggggacc	ttctatgtct	gccttaaact	ggcggcagat	600
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aatgatgaag	tcatcagtta	ccgtagcggg	gcgctggaat	acggagatca	cggggcgcca	840
aacagtatgt	gcaaggctat	atgtgatgtg	cttgaagggg	gacgccaggc	gttcgaagcg	900
cgtgagcaaa	aatacgggat	ggtgtggctt	aacgccatct	ga		942

<210> 1479

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 1479

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acatggcaac	tgcaattcac	ttacaccgct	tctcaaccgg	gtacgcacca	gaaaatcatt	180
gatattggcca	tgaatggcgt	tggatgccgg	gcaaccgccc	gcattatggg	cggttggcctc	240
aacacgattt	tccgccattt	aaaaaactca	ggccgcagtc	ggtaa		285

<210> 1480

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 1480

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cacgattttc	cgccatttaa	aaaactcagg	ccgcagtcgg	taacctcgcg	catacagccg	120
ggcagtgacg	tcatcgctcg	cgcggaatg	gacgaacagt	ggggatacgt	cggggctaaa	180
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cagcacctgg	cacggctggg	acggacgctg	ctgtcgttct	caaaatcggt	ggagctgcat	480
gacaaagtca	tcgggcatta	tctgaacata	aaacactatc	aataa		525

<210> 1481

<211> 234

<212> DNA

<213> Enterobacter cloacae

<400> 1481

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ctgccggaca	tcagcgctat	ctctgctctc	actgccgtaa	aacatggcaa	ctgcagttca	180
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<210> 1482

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 1482

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gtgcgtaacg	gtaaaagtac	tgccggacat	cagcgctatc	tctgctctca	ctgccgtaaa	120
acatggcagt	tacagttcac	atacacagcc	tctcaaccgg	gtacgcacca	gaaaatcatt	180
gatattggcca	tgaatggcgt	tggatgccgg	gcaaccgccc	gcattatggg	cggttggcctc	240
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<210> 1483

<211> 729

<212> DNA

<213> Enterobacter cloacae

<400> 1483

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gtacttaatc	tgctgggtgt	caacgtcaga	cgggcaccgg	ccttcgcgtt	tgagcagagc	180
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acgccagtac	cagcgcagcc	gtttttccat	ttcaggcgca	taacgctgaa	cccagcggtg	480
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ccggcctttg	aatgggttca	tgtgcagctc	catcagcaaa	aggggatgat	aagtttatca	660
ccaccgacta	tttgcaacag	tgccaatcgg	aatgataaaa	atgaaccacc	cgttgccgat	720
ggtctttga						729

<210> 1484

<211> 297

<212> DNA

<213> Enterobacter cloacae

<400> 1484

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ttgctgatta	cgtgcagctt	tcccttcagg	cgggattcat	acagcggcca	gccatccgtc	180
atccatatca	ccacgtcaaa	gggtgacagc	agtctcataa	gacgccccag	cgctcgccata	240
gtgcgttcac	cgaatacgtg	cgcaacaacc	gtcttcggga	gcctgtcata	cgcgtaa	297

<210> 1485

<211> 681

<212> DNA

<213> Enterobacter cloacae

<400> 1485

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tgtgtcgggt	ttagcacctg	gcaatatgat	gtgattttgc	ttgacctagg	gttgccctggc	180
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gaagaccgaa	tttatggctg	gggtgatgaa	gtcgaagata	atgccatcga	atttctgatc	600
catgcgttaa	gaaagaagct	cgggcgggac	gcgattaaaa	atgtcagggg	agtcgggatg	660
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<210> 1486

<211> 1413

<212> DNA

<213> Enterobacter cloacae

<400> 1486

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<210> 1487

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 1487

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<210> 1488

<211> 297

<212> DNA

<213> Enterobacter cloacae

<400> 1488

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<210> 1489

<211> 1386

<212> DNA

<213> Enterobacter cloacae

<400> 1489

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<210> 1490

<211> 348

<212> DNA

<213> Enterobacter cloacae

<400> 1490

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acgctggtca	gcggagaaga	ctggcagaag	cctacagtca	ccgaaatcct	gctggtccgg	180
ggatttatcc	ccctgactga	caaccagctg	gctaaccgac	tggatgtgga	cgaacgcacc	240
atccgtaagt	ggaaatcagg	agagaccagt	atggtgtaca	ccacctgggt	ctgcctgtgc	300
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<210> 1491

<211> 1041

<212> DNA

<213> Enterobacter cloacae

<400> 1491

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ggatattttg	tcccgtttca	taagcacgat	gtcgatcgcg	atacaatgat	gaataccgtt	180
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<210> 1492

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 1492

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tataaccata	tgataaatat	atactttatc	aaatatatta	taaaatattt	aaaaaattgt	180
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gaaaattttac	aggagcgaaa	catgcagcag	aacggacacc	tcgcagacac	agcaacagca	300
attgcgcagt	acttcgaaaa	agccgcgctt	ccaacccaac	aggaaacatt	gggtcagggt	360
gttgttgaaa	tccttagcga	cgggcggaat	ctgaatcgca	aatcgctctg	cacaaaactg	420
ttaagtcgcc	ttgaaaaggc	caatggcccc	gaagaggagc	atcattatca	catgcttctt	480
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<210> 1493

<211> 381

<212> DNA

<213> Enterobacter cloacae

<400> 1493

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tcgactgcgg	ttcggttggt	tcttgcttcc	gaaggtcac	tgaccaacaa	atcgatcatt	180
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aagacgctgg	aaattgtcgt	cggttacacc	atggacgac	tttatcgcc	cactcttccc	300
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<210> 1494

<211> 2184

<212> DNA

<213> Enterobacter cloacae

<400> 1494

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gaagccgctg	atggcgtaac	taatcagggc	acgctttgcc	tgaaaggggt	ctacggctgg	180
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<210> 1495

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 1495

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tggatagatg	ttcaggatga	acaatcgggt	aaagcgcctt	ttattattac	tcctccgctg	240
tatcggctgg	acggcggaca	aaaaaacctc	gagcgtattg	tcattgacagg	ctctctgcct	300
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aataagaaac	ttgacgatgt	cacgtatgtg	atgccttcgg	gcacagcccg	tttcccgtta	600
ccgaatggaa	ccagtggcaa	tacgtgacg	tttaaagtca	ttaacgatta	tggcagccct	660
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<210> 1496

<211> 2571

<212> DNA

<213> Enterobacter cloacae

<400> 1496

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<210> 1497

<211> 681

<212> DNA

<213> Enterobacter cloacae

<400> 1497

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<210> 1498

<211> 1284

<212> DNA

<213> Enterobacter cloacae

<400> 1498

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1284

<210> 1499

<211> 852

<212> DNA

<213> Enterobacter cloacae

<400> 1499

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<210> 1500

<211> 378

<212> DNA

<213> Enterobacter cloacae

<400> 1500

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<210> 1501

<211> 1317

<212> DNA

<213> Enterobacter cloacae

<400> 1501

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<210> 1502

<211> 1065

<212> DNA

<213> Enterobacter cloacae

<400> 1502

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<210> 1503

<211> 534

<212> DNA

<213> Enterobacter cloacae

<400> 1503

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attgccgtcg	tattttattct	ttatcaccag	atgtcggcgc	aggatattgt	cgcttttgac	420
gttcgcccgt	ggtttgaaaa	aatggcctta	acccaacacc	tcaccccgtc	ccgatcccag	480
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<210> 1504

<211> 846

<212> DNA

<213> Enterobacter cloacae

<400> 1504

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<210> 1505

<211> 702

<212> DNA

<213> Enterobacter cloacae

<400> 1505

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gttaacggct	tctgtaagga	cgtgttctct	gaactgccgc	tgggaatttg	cgttgaagcc	660
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<210> 1506

<211> 756

<212> DNA

<213> Enterobacter cloacae

<400> 1506

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<210> 1507

<211> 1269

<212> DNA

<213> Enterobacter cloacae

<400> 1507

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tggggcaatg	cgcaggtgca	cgcgggggat	aacatcatca	tcaccagat	ggagcaccat	420
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<210> 1508

<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 1508

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<210> 1509

<211> 495

<212> DNA

<213> Enterobacter cloacae

<400> 1509

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gagatgaaga tcgtccaaca gagcacaatg gataacctgc tctctcagat aactaccac 480
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<210> 1510

<211> 990

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(91)

<220>

<221>unsure

<222>(124)

<400> 1510

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<210> 1511

<211> 810

<212> DNA

<213> Enterobacter cloacae

<400> 1511

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<210> 1512

<211> 537

<212> DNA

<213> Enterobacter cloacae

<400> 1512

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<210> 1513

<211> 843

<212> DNA

<213> Enterobacter cloacae

<400> 1513

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taa						843

<210> 1514

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 1514

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<210> 1515

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 1515

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aagctgctgc	cgcactctgc	tttcagccgt	atgccaggcg	gtggtttcag	caccggcccc	480
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555

<210> 1516

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 1516

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gatggctacg	gcgtgaaatc	cgagaagatc	gacaatgaag	aagtgttgat	catgtccgag	360
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<210> 1517

<211> 219

<212> DNA

<213> Enterobacter cloacae

<400> 1517

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caaagccatc	ttggtcgctg	gttccagcgt	gcataccgta	tttctccggc	acactaccgc	180
cggttggtgca	caaaccttcc	agacgtttcc	agaaaataa			219

<210> 1518

<211> 1659

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1141)

<400> 1518

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<210> 1519

<211> 333

<212> DNA

<213> Enterobacter cloacae

<400> 1519

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ctgctgctgg	gggagtctgc	gagcctggcg	cgcatcgcca	gcctcgcggt	aatcgctcgcg	300
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<210> 1520

<211> 1248

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (217)

<400> 1520

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<210> 1521

<211> 1518

<212> DNA

<213> Enterobacter cloacae

<400> 1521

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<210> 1522

<211> 1722

<212> DNA

<213> Enterobacter cloacae

<400> 1522

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<210> 1523

<211> 1041

<212> DNA

<213> Enterobacter cloacae

<400> 1523

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<210> 1524

<211> 627

<212> DNA

<213> Enterobacter cloacae

<400> 1524

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<210> 1525

<211> 1674

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (465)

<400> 1525

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<211> 336

<212> DNA

<213> Enterobacter cloacae

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<210> 1527

<211> 681

<212> DNA

<213> Enterobacter cloacae

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<210> 1528

<211> 966

<212> DNA

<213> Enterobacter cloacae

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<211> 639

<212> DNA

<213> Enterobacter cloacae

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<211> 711

<212> DNA

<213> Enterobacter cloacae

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<210> 1531

<211> 1191

<212> DNA

<213> Enterobacter cloacae

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<211> 474

<212> DNA

<213> Enterobacter cloacae

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<212> DNA

<213> Enterobacter cloacae

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<212> DNA

<213> Enterobacter cloacae

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<210> 1535

<211> 525

<212> DNA

<213> *Enterobacter cloacae*

<400> 1535

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<210> 1536

<211> 768

<212> DNA

<213> *Enterobacter cloacae*

<400> 1536

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<210> 1537

<211> 1470

<212> DNA

<213> *Enterobacter cloacae*

<400> 1537

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<210> 1538

<211> 1719

<212> DNA

<213> Enterobacter cloacae

<400> 1538

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<210> 1539

<211> 1347

<212> DNA

<213> Enterobacter cloacae

<400> 1539

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<210> 1540

<211> 999

<212> DNA

<213> Enterobacter cloacae

<400> 1540

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<210> 1541

<211> 1296

<212> DNA

<213> Enterobacter cloacae

<400> 1541

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1296

<210> 1542

<211> 897

<212> DNA

<213> Enterobacter cloacae

<400> 1542

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<210> 1543

<211> 1230

<212> DNA

<213> Enterobacter cloacae

<400> 1543

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<210> 1544

<211> 927

<212> DNA

<213> Enterobacter cloacae

<400> 1544

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<210> 1545

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 1545

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<210> 1546

<211> 1410

<212> DNA

<213> Enterobacter cloacae

<400> 1546

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1410

<210> 1547

<211> 1602

<212> DNA

<213> Enterobacter cloacae

<400> 1547

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<210> 1548

<211> 873

<212> DNA

<213> Enterobacter cloacae

<400> 1548

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gataactacg	ccagcgatga	cgcctttggc	agcaccggct	ttaacgcggg	cggggaatgg	840
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<210> 1549

<211> 1437

<212> DNA

<213> Enterobacter cloacae

<400> 1549

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<210> 1550

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 1550

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<210> 1551

<211> 837

<212> DNA

<213> Enterobacter cloacae

<400> 1551

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<210> 1552

<211> 591

<212> DNA

<213> Enterobacter cloacae

<400> 1552

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gcagaggaaa	caggcgacag	tgtgcaggcg	ttattatccc	gtaaacacaa	agccgtgcga	540
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<210> 1553

<211> 894

<212> DNA

<213> Enterobacter cloacae

<400> 1553

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<210> 1554

<211> 1548

<212> DNA

<213> Enterobacter cloacae

<400> 1554

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gaaggtcaat	accttgaaac	cagccatccg	gtcgtatcctg	acgcggagct	ggcgggtgtg	180

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<210> 1555

<211> 1107

<212> DNA

<213> Enterobacter cloacae

<400> 1555

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<210> 1556

<211> 369

<212> DNA

<213> Enterobacter cloacae

<400> 1556

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ctggcccagc	agctgggacc	gcgtggaatt	cgggtgaatg	ccgtcgcgcc	aggtccatac	180
tggacgcctc	ttcagtcacg	cggcgccag	ccgcagtcca	aagttcagaa	gttcggggaa	240
gatacgcccc	tgggcagacc	gggccagccc	gttgaaatcg	caccgctgta	tgtattgttt	300

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gtgctgtaa 369

<210> 1557

<211> 936

<212> DNA

<213> Enterobacter cloacae

<400> 1557

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atcagccagc	cggcgatgtc	tgcccgcctt	gcgcgcctgc	gcgtgttggt	tggtgagccg	180
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aacgcgcaga	acagcaaccg	cacctttgtg	attgccctgc	acgagaacc	ggcgtgatg	360
ctgggggcag	agttgcagaa	tcagattagc	agtgcggcgc	caggtatccg	cctgcgtttt	420
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gtcatcggtta	tgtactggca	cccgaaaaac	agccaggatc	cggctaaccg	ctggctgcga	900
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<210> 1558

<211> 1434

<212> DNA

<213> Enterobacter cloacae

<400> 1558

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ggacacccag	gagctaacac	gcaaatgatg	cgacacgtaa	aacggactgg	cgcgctgctt	180
ggctgcgcgc	ttttactggt	aagttgcact	tccaaaccac	ctaaatcact	cgtaaccccg	240
ctgccgcagg	cgaaacctgt	acagcagact	aacgaaccca	tgccgcgggat	ctggctggcg	300
accgtctccc	gtctcgactg	gcctcccgtg	tcacggtga	atggccgtag	cgcggaccag	360
cgcacgcgcc	agcaacagcg	ggcgttgacg	gacaagctcg	ataagctgaa	aatccttggg	420
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ctcaatgatt	cactgccaga	cgtaaagggc	accatcctgt	tccgtgaaga	ctatcttaac	1380
cagccgcaga	cgcaggaagc	agtaaattac	ctccggggac	gctggggtag	ttga	1434

<210> 1559

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 1559
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 cggccgtctg ggtcagggcc gaagcctgtt gctcggtagc ggaggccagg tccgatattgc 180
 cggaggcaat ttcctgcgct gcatgcgtca cggtttggtt ggcatcgcgc acctgagaaa 240
 tggtaggagag cagcgcttgg cgcattctgt ccattcagga catcagggtga tccgatttcat 300
 tcccgaatc acgcttga 318

<210> 1560
 <211> 609
 <212> DNA
 <213> Enterobacter cloacae

<400> 1560
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 ggcaccagcc cgacgccaca gcaggatctg gtacgcgtga tgaatgcccc ggagctgtat 180
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 gggcagctgg tgaccgtcgt cgggcccatt accggttcgg tggcggggaa aatcggcaat 420
 acgccatata aatttatgac catgcagggt aacggctaca aacgctggcg tatcgcccag 480
 cagggtggtga tgccgccaca gccaatcgat ccgtggatgt ggggaccgca tccgtatcgt 540
 tacggctacg gtggctgggg gtggtacaat ccaggccctg cacagggttca aacaatagta 600
 actgagtaa 609

<210> 1561
 <211> 1572
 <212> DNA
 <213> Enterobacter cloacae

<400> 1561
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 aaactgccgc cgaaacagcg tgataaagcc cgtctgatcg gcctctcgct ggcgctgatc 180
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 ggccacgtta aggttatgc cagcttctgg gtggtgttcc tccagattgt ggtgcttgat 420
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 gggcagatcc cgcgtatcgc tgatgtgctg gagctgcgcg cgtgcaaat taccatcgtc 1500
 gaagccaacg actatcgcgt tgatatggtg cgtattgtta aagagcactc tgcgcacgac 1560
 gaagaagagt aa 1572

<210> 1562
 <211> 1206
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1562
 ggcctgagct tcacgttaat cgcccagacg ccggttaagc cggcgttttt tatgggcgca 60
 aacaaaagag agtccgattt gaattaccag atgataccta ccaacgacga gctggcttcg 120
 ctgtgcgagg tgacgcgtga atttcctgct atcgccctgg atacggaatt tgtccgcacc 180
 cgaacgtact atccgcagct gggcttgatt cagatgtatg acggcaaaaca cgtgtcattg 240
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 aaccagctgc tgaactggca ctggaagtgt aaaccgcaa atgggtttacc ggagctggtc 1140
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<210> 1563
 <211> 195
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1563
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 gttgaacgta ttcaggagct gatgtccag gggatgagca ggcgacaggc aatttcccag 120
 gtcgcggaag aacttcgcgc caccataacc ggcgagcgga tcgtggcgcg ctttgaggat 180
 gaagatgaag aataa 195

<210> 1564
 <211> 1920
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1564
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 gcgcagccgc tggctgtgga ggcgggtacc ggtacgggga aaacgtatgc ttacctcgct 180
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gacaaccgcc	tgggtgatgcg	tccctacggc	gcgaccttcc	tcgccagcct	gccgcccgcg	1860
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<210> 1565

<211> 723

<212> DNA

<213> Enterobacter cloacae

<400> 1565

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cggaacacac	cccaacgtat	tctgcccctg	gtaaaaacca	ttttaaccga	gggcaacacc	180
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gaagatatgc	tgccgattgc	ctgtcagctg	tttgccgcag	gaaaaaccgt	ggcggttgaa	660
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<210> 1566

<211> 1755

<212> DNA

<213> Enterobacter cloacae

<400> 1566

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<210> 1567

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 1567

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ccgcagctgc	gcaaagacat	tctggaagtg	atctgcaaat	acgtgcagat	tgaccagaa	180
atggtcaccg	ttcagctgga	gcaaaaagac	ggggatattt	cgattctgga	gctaaacgtg	240
acgcttccgg	aagcggaaga	gtcgcgttaa				270

<210> 1568

<211> 966

<212> DNA

<213> Enterobacter cloacae

<400> 1568

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acggcagaaa	tgctgttggg	cgagcaggaa	aacgtcggct	ggatcgattt	cgttcccggg	120
gaaaatgccg	agacgtgat	tgaaaaatac	actgctcagc	ttgagaagct	ggataccagc	180
aaaggcgctg	tgtttctcgt	ggatacatgg	ggcggcagcc	cgttcaacgc	tgccagccgc	240
attgtcgtcg	ataaagagca	ttatgaagtc	gtcgccgggg	tgaatatccc	gatgttgggt	300
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<210> 1569

<211> 615

<212> DNA

<213> Enterobacter cloacae

<400> 1569

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caacgtcagg	cggcggtgct	gatcccggtc	gtgcgccgtg	agcagccggg	tctggtgctt	180
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gtggacagca	ccgatgcata	cctgattgcc	gccgcactgc	gtgaagcgca	tgaggaaagt	300
gcgatcccc	cggagacagt	cgagggtgat	ggcgtgctgc	cgccagtgga	cagcgtaacc	360

ggttttcagg	tcacgccggt	cgttggcatt	attccgccc	atcttcagta	tcacgccagc	420
gtcgatgaag	tttcagcggg	gttcgaaatg	ccgctggaag	aggcccttcg	tctgggccc	480
tatcaccac	tgatattca	ccgccgcgga	cacgatcatc	gggtctggct	gtcgtggtat	540
cagcattatt	ttgtctgggg	catgacggca	ggcatcattc	gtgagctggc	cctgcaaadc	600
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<210> 1570

<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 1570

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gccgtactgg	aaaaacaggg	cagcgacaaa	tcccgcatte	tggtgacgac	gatttttctg	360
gcgaataaag	acgatttctg	ggcgatgaat	aaagcatggg	atgcgtgggt	ggtggcgggt	420
cacgcgcctg	tacgctgcac	cgtagcggcc	acgctgatga	aaccggaata	taagggttag	480
atcaagatta	tcgcggcagt	gtaa				504

<210> 1571

<211> 1380

<212> DNA

<213> Enterobacter cloacae

<400> 1571

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agccaccttc	cttttgccat	gctgtgcac	tccggccatg	cggatcacc	ctacagccgc	180
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gacgatccgc	tgatggcggt	tcagaacgag	atcgatgctc	tggtgttaac	tgccacaccg	300
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cgtttcgaaa	agctgcccga	gcctgcgcag	gcggatattt	ccctgcggga	tatggcggtg	420
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caccgggacg	tacaggcgcg	tctggcctgg	cttgaggcgc	aacggcccgc	cgccccggaa	540
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<210> 1572

<211> 1407

<212> DNA

<213> Enterobacter cloacae

<400> 1572

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aaacagttcg	tcgatgatct	ggtcgaaaaa	ggattactgg	aaagcgttac	ccgtgtcgcc	180

gtagacgttt	acggttcact	gtcattaacg	ggtaaaggcc	accacaccga	tatcgccatt	240
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atccgcgacg	tggaaacgcg	cggacgccta	ctgctggcta	acggtcagca	cgaagtggac	360
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caggtgcagg	tgccgtgcat	tgagcgtaac	gccatcgcc	ccgtcaaagc	gatcaacgcc	1260
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<210> 1573

<211> 1728

<212> DNA

<213> Enterobacter cloacae

<400> 1573

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cgaccgttca	tgcaaaactg	acaaacgatc	attaaagact	atcgccgaaa	acgcgttatc	180
gtctgtgtca	cggttgcgct	cgttacgctc	gtcctgacgc	tgggcattcg	ctttatttca	240
cagcgcaaca	taaatcagga	tcggatccac	gactttaccc	accacaccgt	gcgtgcgctt	300
gataaggtgc	ttctctcggt	agaggcccag	cgtgaaacgc	tactttcact	ggttggcata	360
ccctgttccg	aagcaaatct	aatcctgcga	aaacaggcgg	cgatcctcca	gaccgtacgc	420
tccatcgccc	tcattaaaga	cggaaactgt	tattgctcaa	gcgtccttgg	cagccgtaat	480
gtgcccgtca	gtgagtttgt	gccggagctt	ccagtcagtg	aatccagggt	gctgctgtcg	540
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tatgcgcggc	caatgccgct	gcgcgagttt	ccgaaatggc	tggcggaaaag	ccactctccg	1680
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<210> 1574

<211> 573

<212> DNA

<213> Enterobacter cloacae

<400> 1574

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ttatgggccc	ctctccctga	ttcgcatgtc	gtgcttttct	tagatttcga	tgggggttgc	180
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tatttaaaac	acggacagac	tggtgtgcgg	gctgccgagt	gtgaggactt	tgtcttttca	420
catcgagtta	aagcatttat	ctgccttgat	gacgacgaat	cattatttcc	ggccggttat	480
ccgcatttgc	acaaaaccga	ttattacacg	ggcctcaccg	aatctgacct	tgcagctctt	540
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<210> 1575

<211> 792

<212> DNA

<213> Enterobacter cloacae

<400> 1575

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tatctcggca	agtacaaaaa	agcacacggt	ttgctcgatg	atatgaatgt	tagcgaattg	720
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<210> 1576

<211> 495

<212> DNA

<213> Enterobacter cloacae

<400> 1576

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gatttactaa	gctgtggagt	gatgagtcg	tgcgcggggc	atgaagataa	tgaattaaat	180
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aatcctgaat	cccttgagat	atggggcgct	gtcacctttg	cactgaatca	gttcagccat	480
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<210> 1577

<211> 297

<212> DNA

<213> Enterobacter cloacae

<400> 1577

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ttgctgatta	cgtgcagctt	tccttccagg	cgggattcat	acagcggcca	gccatccgtc	180
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gtgcgttcac cgaatacgtg cgcaacaacc gtcttccgga gcctgtcata cgcgtaa 297

<210> 1578

<211> 1272

<212> DNA

<213> Enterobacter cloacae

<400> 1578

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gtcattgcaa	tgaataaaact	ggctaaaagc	gttggtatta	agcgtgggac	cccaattttt	180
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cgatatagca	tagatgaaaa	tttcatgtta	ttgaaaaaca	tgaacaagat	aatagattat	360
gaagattacg	gccggttgat	cagaagtaca	cttcttcata	atctgtccct	tacctgtggg	420
gtgggttggt	caagcaccaa	aaccctcgct	aaattatgca	cctatgcgag	caaacgatgg	480
gcagctacag	gcggggttg	agttttgact	gatcaggcca	ggatcaggaa	gctcctgagc	540
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<210> 1579

<211> 570

<212> DNA

<213> Enterobacter cloacae

<400> 1579

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<210> 1580

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 1580

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gcactgtcga	aagcacaatc	catcattacg	aaggatctac	cgtataattc	aagcaccaaa	180
gttctatggc	catcgccgaa	cggtgttatc	taccggtag	gaaagtaa		228

<210> 1581

<211> 516

<212> DNA

<213> *Enterobacter cloacae*

<400> 1581

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ccgcctccag	tgaggtgggc	agatcacaaa	aagagcgctt	atatagatat	acagaaactc	180
attaaaacca	ggcttgatta	tgcccaagt	tttaatgcta	tgatgggtt	tgagtacaac	240
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tacatacgca	actttgaagc	acgagacaat	gaaatctacg	ttgacccaaa	tctcactgat	360
aagggtgtaa	tcggagaaga	tgcatgtca	cttttcgctt	atagttttgc	agacgactgc	420
tttcagataa	gagacaaagc	atctactgat	tatgttattg	aatctcatac	agagtttgat	480
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<210> 1582

<211> 1500

<212> DNA

<213> *Enterobacter cloacae*

<400> 1582

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<210> 1583

<211> 285

<212> DNA

<213> *Enterobacter cloacae*

<400> 1583

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gatatggcca	tgaatggcgt	tggtatgccg	gcaaccgccc	gcattatggg	cgttggcctc	240
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<210> 1584

<211> 1959

<212> DNA

<213> *Enterobacter cloacae*

<400> 1584

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<210> 1585

<211> 315

<212> DNA

<213> *Enterobacter cloacae*

<400> 1585

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gcaccatcat	cactgtctga	tgaataccgt	gattacatct	ctaagcggat	cagcgatgcg	240
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<210> 1586

<211> 759

<212> DNA

<213> *Enterobacter cloacae*

<400> 1586

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<210> 1587

<211> 909

<212> DNA

<213> Enterobacter cloacae

<400> 1587

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<210> 1588

<211> 234

<212> DNA

<213> Enterobacter cloacae

<400> 1588

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<210> 1589

<211> 3963

<212> DNA

<213> Enterobacter cloacae

<400> 1589

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<210> 1590

<211> 525

<212> DNA

<213> Enterobacter cloacae

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<210> 1591

<211> 453

<212> DNA

<213> Enterobacter cloacae

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<210> 1592

<211> 213

<212> DNA

<213> Enterobacter cloacae

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<210> 1593

<211> 1506

<212> DNA

<213> Enterobacter cloacae

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<210> 1594

<211> 462

<212> DNA

<213> Enterobacter cloacae

<400> 1594

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<210> 1595

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 1595

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<210> 1596

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 1596

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<210> 1597

<211> 3141

<212> DNA

<213> Enterobacter cloacae

<400> 1597

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<211> 1164

<212> DNA

<213> Enterobacter cloacae

<400> 1598

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<210> 1599

<211> 327

<212> DNA

<213> Enterobacter cloacae

<400> 1599

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<210> 1600

<211> 576

<212> DNA

<213> Enterobacter cloacae

<400> 1600

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<210> 1601
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 <212> DNA
 <213> Enterobacter cloacae

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<210> 1602
 <211> 1386
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1603
 <211> 1284

<212> DNA

<213> *Enterobacter cloacae*

<400> 1603

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<210> 1604

<211> 1062

<212> DNA

<213> *Enterobacter cloacae*

<400> 1604

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<210> 1605

<211> 666

<212> DNA

<213> *Enterobacter cloacae*

<220>

<221> unsure

<222> (596)

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<210> 1606

<211> 1209

<212> DNA

<213> Enterobacter cloacae

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<210> 1607

<211> 816

<212> DNA

<213> Enterobacter cloacae

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816

<210> 1608

<211> 1326

<212> DNA

<213> Enterobacter cloacae

<400> 1608

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<210> 1609

<211> 4464

<212> DNA

<213> Enterobacter cloacae

<400> 1609

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<210> 1610

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 1610

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<210> 1611.

<211> 801

<212> DNA

<213> Enterobacter cloacae

<400> 1611

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<210> 1612

<211> 225

<212> DNA

<213> Enterobacter cloacae

<400> 1612

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tggccgagca	gtataagcat	gtcgaaaatg	cgcgcgaaact	gggcgagcac	aatggtgctg	180
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<210> 1613

<211> 330

<212> DNA

<213> Enterobacter cloacae

<400> 1613

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acgtcgtggg	cctgcgtggg	ttcgccccgc	agccaccgga	gtcattaccg	ggcacggctg	300
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<210> 1614

<211> 1908

<212> DNA

<213> Enterobacter cloacae

<400> 1614

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<210> 1615

<211> 693

<212> DNA

<213> Enterobacter cloacae

<400> 1615

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<210> 1616

<211> 1218

<212> DNA

<213> Enterobacter cloacae

<400> 1616

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<210> 1617

<211> 1392

<212> DNA

<213> Enterobacter cloacae

<400> 1617

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<210> 1618

<211> 1586

<212> DNA

<213> Enterobacter cloacae

<400> 1618

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<210> 1619

<211> 1275

<212> DNA

<213> Enterobacter cloacae

<400> 1619

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<210> 1620

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 1620

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ccgcccact	ccagcgttac	gcgcttaaa	ctttccgcgc	cggtgcgcag	gatcgccctg	180
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<210> 1621

<211> 906

<212> DNA

<213> Enterobacter cloacae

<400> 1621

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<210> 1622

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<400> 1622

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<210> 1623

<211> 495

<212> DNA

<213> Enterobacter cloacae

<400> 1623

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<210> 1624

<211> 744

<212> DNA

<213> Enterobacter cloacae

<400> 1624

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tggatccagc	gggtggcggg	ttatcgggag	gtggtggtga	cggcttcggg	gaaaagtgcc	720
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<210> 1625

<211> 189

<212> DNA

<213> Enterobacter cloacae

<400> 1625

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<210> 1626

<211> 1449

<212> DNA

<213> Enterobacter cloacae

<400> 1626

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ctgggctaa						1449

<210> 1627

<211> 399

<212> DNA

<213> Enterobacter cloacae

<400> 1627

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gccgaaggac	gggcgttgat	tttctctttc	taccgtattc	gcgtggcgca	gctggtgcgg	360
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<210> 1628

<211> 1077

<212> DNA

<213> Enterobacter cloacae

<400> 1628

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gactccaccg	tgatgcgcgt	ggtgaccccg	gtgtctgccc	gcgtctcccg	gtatgtggcg	180
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ccgtgcccga	ccggcgcgcg	cgccaccgtg	cagctctaca	acagcgaagg	gccgtttgcg	1020
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<210> 1629

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 1629

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tccaaaattg	ataccgaggg	cgcggttgctc	ggcaatatca	ttttgcagggt	actcgaaagc	180
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aaggatgaaa	acgatccggc	ctggaaaaat	gccaaagccg	ggtacgaaaa	agtcaaaaag	360
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<210> 1630

<211> 1170

<212> DNA

<213> Enterobacter cloacae

<400> 1630

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gaaccgcgcg	cgctctggca	gatctgggca	tttacgccgc	tgctgctggg	cgcggcgctg	180
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<210> 1631

<211> 1104

<212> DNA

<213> Enterobacter cloacae

<400> 1631

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<210> 1632

<211> 771

<212> DNA

<213> Enterobacter cloacae

<400> 1632

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cagagtata	tcgaggttgt	gggggaatgt	gccaatgcc	ttgaaggcat	cggtgcggtg	180
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<210> 1633

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 1633

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<210> 1634

<211> 2391

<212> DNA

<213> Enterobacter cloacae

<400> 1634

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<210> 1635

<211> 741

<212> DNA

<213> Enterobacter cloacae

<400> 1635

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ccgatcatta	tcgggttaag	cgggtttaat	acggcttaca	ttattcaggg	ggcgattctg	660
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<210> 1636

<211> 1704

<212> DNA

<213> Enterobacter cloacae

<400> 1636

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ggcgcggtaa	tgggcgggct	gctcggaggc	ccggtcgtgg	gcggtctggt	gggggttaacc	300
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<210> 1637

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 1637

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cgcattcttg	cgctctccga	catggaatcc	acgtccgcgc	ggttcgacac	ctggatgact	180
aaagaagatg	aagagggttt	tgttcgctgc	ccggacatca	ttctgtcggg	ctttctgaac	240
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cgggtgaata	acaacacggg	gctgaaaaaa	ctgcgtattg	ctttctgcct	gaaaactgac	360
gacattctgg	cgatcatgac	cgagcagaaa	tttcgcgtgt	cgatgccgga	aatcaccgcc	420
atgatgcgcg	gcgccgatca	taagaattac	cgcgagtgtg	gggatcaatt	tctgcgttat	480
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<210> 1638

<211> 1182

<212> DNA

<213> Enterobacter cloacae

<400> 1638

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ggctacgtaa	cgggtgaacgg	cgcgaagatg	tctaaatctc	gcgggacgtt	tattaaggcc	180
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gaagcatcca	aagaagaggt	gaaagcggtc	gccgcaccgg	tgaccggccc	gctggcggac	840
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<210> 1639

<211> 825
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1639
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 tgtgatatca atcccggttac gctacgggcg tggcagcgac ggtatggatt gcttaagccg 180
 caaagaacgg acggcgggca ccgcctgttt aacgatgcgg atattgaccg gatccgcgag 240
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<210> 1640
 <211> 1923
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1640
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 cttaccgacc cggctaaaaac cgcccgtac cgcaagggtc tccgctccgg tcaggcgag 300
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 tag 1923

<210> 1641

<211> 636
 <212> DNA
 <213> Enterobacter cloacae

<400> 1641
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 caaacaagga gcgggcagaa catgtcggct gtagaaactt tccccgaaac tgaaatcgag 120
 gtgcgcgacg cccttcctga cgatgcgcat gccatctcgg cgatatacgc ctggcatgta 180
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 gcactgatcg cccgttgtga acaaggaccg tggcggcaga tgattgccgt ggtcggcgac 480
 gggcaaaata accccgggtc gttgcggctg cataaaaagc acggtttcga aattgtgggt 540
 cagctcagaa gtgtgggata taaaaaaggc gactggcggg acacggtgat gatgcagcgc 600
 ccgctcaacg acggggactg gacgctgccg gaataa 636

<210> 1642
 <211> 900
 <212> DNA
 <213> Enterobacter cloacae

<400> 1642
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 acggttaaaag gtatcggtga agccgtgcat gaacgcacgt cggttctgac ccgtccggat 180
 ttctacgacg gcgtgaagcc cattgccgcc aacattaacc agatcgtgat cgtttcggcg 240
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<210> 1643
 <211> 417
 <212> DNA
 <213> Enterobacter cloacae

<400> 1643
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 tttcccgcgg tctggttcag cctcgaactg atgtacgggg tgtatgccct caagcacggc 180
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 gcagcgaaca tcattgtaaa aggcgaaaaa atggggccag agccggtcat taaagggtc 360
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<210> 1644
 <211> 1254
 <212> DNA
 <213> Enterobacter cloacae

<400> 1644
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 ctgatgggcc cggacacccc cttgactcgc tattacggaa gattactgat gatgaaaaaa 120

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<210> 1645

<211> 1044

<212> DNA

<213> Enterobacter cloacae

<400> 1645

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<210> 1646

<211> 1842

<212> DNA

<213> Enterobacter cloacae

<400> 1646

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gcggcacaag	ccaatccgaa	cgctaaaatc	gcattgat	caaaagtcta	tccgatgcgc	180
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gaataccatt	tccacgacac	ggttgcaggg	ggcgactggc	tttgcaaca	ggatgtcgtt	300
gattacttct	tgcatacttg	cccaacggag	atgaccagc	tggaacagtg	gggatgccc	360
tggagccg	gtccggacgg	gagcgtcaac	gtccgcgct	tcggtggcat	gaagatcgaa	420
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gacgacggtc	atgcgcgcgg	actggtggcg	atgaacatga	tggaaggtag	gcttgtccag	600

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<210> 1647

<211> 417

<212> DNA

<213> Enterobacter cloacae

<400> 1647

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<210> 1648

<211> 3483

<212> DNA

<213> Enterobacter cloacae

<400> 1648

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<210> 1649

<211> 810

<212> DNA

<213> Enterobacter cloacae

<400> 1649

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<210> 1650

<211> 903

<212> DNA

<213> Enterobacter cloacae

<400> 1650

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<210> 1651

<211> 981

<212> DNA

<213> Enterobacter cloacae

<400> 1651

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<210> 1652

<211> 1563

<212> DNA

<213> Enterobacter cloacae

<400> 1652

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<210> 1653

<211> 642

<212> DNA

<213> Enterobacter cloacae

<400> 1653

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<210> 1654

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 1654

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<210> 1655

<211> 1311

<212> DNA

<213> Enterobacter cloacae

<400> 1655

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gagaaaacaa	tctcagaatc	cctgaaaggc	accattgata	cattgactgg	tgcaatggca	1260
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<210> 1656

<211> 765

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (59)

<400> 1656

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gctttagggg	aaacgaatat	tgaaaatatt	cagagaaaaa	aagataatct	gatgaaacca	180
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cctgaatctt	taccagctgt	gacccgggca	gatgaaattg	aggatattgc	ttcatttgaa	300
tcaagtttgg	taattgatct	tggtggtact	actcttgatg	ttgcaagtat	tactgggcaa	360
ttagaacaga	tttcgaaagt	aaaaggtttt	gaccgtattg	gttgttctat	tgttttacgat	420
gagatcagca	ggtatcttga	atctgagaaa	ctgaatacga	gtaatgctta	cattcatcat	480
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gtttttgatg	cgttaaactc	tgcggtacag	aagttgcaaa	gtaaagtaat	cagagcggtt	600
acacaagtcg	aagagaggcc	tcataatggt	ttccttggtg	ggggagggtt	atatctcatc	660
gaaacagcta	ttcgtaaaca	ttttgaaacg	gctaaagtta	tcatggtaga	caatccgcag	720
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<210> 1657

<211> 1416

<212> DNA

<213> Enterobacter cloacae

<400> 1657

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ggctattttcg	ataatcagga	ccgcgatttt	ctgacaggta	aacttcagct	caccgaagag	180
tttcttaaaa	cagagacggt	ccggaacaaa	acggatatta	agtcattatc	agaaaaaata	240
aacgatgcga	tggtagggca	caatggttta	ttcattttcta	taaaaaacat	ggaaaatgaa	300
aaaattgttg	aactctatgc	caaaaaattct	gttggtccag	cggtcctgct	taataagtcg	360
ggtgatattc	tcgactatat	gatccagacg	gaagaaaaata	acaccgtgta	ccgcagtatc	420
tcgcgcgggg	ttgcccgtgac	gccggaacag	ggtaaaagca	aacatgtcat	cattacgggt	480
gccacggata	ctgggtatca	caccctgttt	atggataagc	tcagtacctg	gctgttctgg	540
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ctgaaaccgc	tacgggaaat	gaccagtctg	gcttcctcca	tgaccgtaca	cagcctggat	660

cagcgtctta	atccccgattt	gggtccgccc	gaaatttctg	agaccatgca	ggagttcaat	720
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attacaaggt	cgatcattca	tgctcatggc	ggcgagctgt	cagcagaaca	gcaggggcgg	1380
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<210> 1658

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 1658

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gcgtcggaac	tgtgcggtct	ctctctcttc	accagcagaa	ttatgcagcc	caacgcattt	180
ggctctccgt	cgtcactgga	tgcaccatc	gaggaggggc	gtaaggaaat	tgaccgtaaa	240
acgtggaaaa	ggctctttga	agaaataggt	atggaccggt	actggaacca	taagcaaaaa	300
gaagccttta	acgaatccct	acgtacggat	ccgcccgtcg	cttccctgga	gattgttaag	360
ggaacattac	agcatgcact	ggctaacaga	cgagacacgc	ttgcagaagg	tttcgttgat	420
gttctcaaca	agcttgaccg	aagttttaaa	agcaatgcac	ggcaatatac	aatgccgaaa	480
aagcttggtc	ttcgggggat	ttttcctggt	gtgaacgtac	tgaggtaaca	cggtttctcg	540
caggacaatc	acttttggtt	acgcgacttt	gagaatattg	tatgcatctg	ttctgatact	600
ccaacacctg	caaccggcgg	tgggctgagt	atggctgcaca	ggctgacggc	catgagaaat	660
acagatttca	caggcgagggt	ctgcgatgag	aatggctggc	gggtgcgcct	gtttgagaat	720
ggaaacgttc	atatttgat	cgacagtatc	tcgcttctga	atgctctgaa	cgatcttatac	780
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<210> 1659

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 1659

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ctcatcgagc	gttttcatga	tgatgttaaa	ggtattaccc	ttatcgtagc	tcttcagatt	180
ttttacgttt	tccagaacaa	aaattgcagg	ttgttttgcc	cggatgatcc	tggccacatc	240
aaagaagagc	gtaccctgag	tgtcgcactc	gaaaccgtgt	ttgcgaccca	tagagttctt	300
tttactgaca	ccggcgatgc	tgaatggctg	gcatggaaat	cccgcagaa	gaacatcatg	360
atccgggata	gaggcatcga	taaatttgta	tgcttcgtca	tcagtaacct	cgggcccgggt	420
gctaagagtg	atgtcacgga	tgtctga				447

<210> 1660

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 1660

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tgccagatgc	aacttacgcc	atatacggcg	gcgttcctgg	ccatgctttt	tgactttcca	120
ctcgccttca	ccgaagacct	tcagcccgggt	ggaatcaatt	accagggtgtg	cgattttcacc	180
ccgggtgggc	gttttgaaac	tgacattaac	cgactttgccc	cgcttctgta	cacagctgta	240
atccgggcag	cgtag					255

<210> 1661
 <211> 468
 <212> DNA
 <213> Enterobacter cloacae

<400> 1661
 ttgtttgggt atgaaaacac cggagaccca accatgaaaa agatccttgt atcatttgtt 60
 gccattatgg ctgtcgcttc atccgccatg gctgcagaga caatgaacat gcatgaccag 120
 gtaaataatg cccaggcacc cgcccatcag atgcagtcaa cctctgaaaa aagcgctgtt 180
 caggagagaca gtatgacaat gatggatatg agcggacacg atcaggctgc aatgtcccat 240
 gaaatgatgc aaaacggcaa cgcttctgcc caccaggaca tggcggagat gcataaaaaa 300
 atgatgaaag gcaaaccagg ggccaccaac gaatcagcaa cgtcattttc agaaatgaac 360
 gagcatgaaa aagccgctgt tgtgcacgag aaggcgaata atggtcagtc ttccgttatt 420
 catcagcagc aggctgaaaa gcacgcgacg cagatcaccg agaattaa 468

<210> 1662
 <211> 585
 <212> DNA
 <213> Enterobacter cloacae

<400> 1662
 cttgttaaaa tactgcctgt aaataggctt gtggatacat gtctgtactc aacaaattca 60
 ggtgaaatga tgtttttttt tacaaaagtta cttttgccca tcatgattgt tgtattccca 120
 gtggcgctcct gggggaactc aacaactttt gaggcaaagg tggtaagat tgttgacggt 180
 gacaccataa ctgcgttggg tgcctaaaac acaaccatca aaatacggat gtatggtata 240
 gacgctcctg aatctaaaca ggcttttggc caaaaagcaa aacaggcctt aaccacagct 300
 atagcaacta aaatcgttac cgtgatagac catggtagcg atatctatgg ccgtatgtta 360
 ggtaccatct ggtagatgg atatgatatc aatgcctcta tggtagacag tggatatgcg 420
 tgggtttatc gggtcgaaga taacgccatt gtccctggct atatcaaata tgaatccgca 480
 gcacaaaagg aggcaaaagg gttatgggca gacaccaacc ctgtcccacc atggcagtggt 540
 agacaggcaa acgaaaagcc cagaaaagggtg aaagggaaga aataa 585

<210> 1663
 <211> 1536
 <212> DNA
 <213> Enterobacter cloacae

<400> 1663
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 agttactaca tgactcaacg taaaaaaggg gcaaccacgc atatctcggc catgaaggcc 120
 ggtatctctg tccgatctgg tcgccggatc gagaaagatc agtggctgaa agccggtgaa 180
 cgccactggc gaacgcgtaa agatccactt gaagctgtgt gggacagcga gcttgtccct 240
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 tatcctggtc agtaccceaa caacctccgc aggacaatgc agcggcggggt ccgtgaatgg 360
 aagttgcaat atggtgcgga gcaggaggtc atgttccgcc agcgtcatca acccggttg 420
 cgtggctctg ctgactttac tgagctgaaa ggcgtagtgt tcaccatcgc cggtaaagttg 480
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 gtgctgggtg gggagagctt ctctgccctg gctgaagggt tgcaggaggc gctcggtcag 600
 ttaggcggcg tgccgtcaga gcacaaaact gacagcctgc gggccgcgtg gaaacaccgg 660
 ggtgaagacg gtcaacggga actgacagag cgttatgccg agctctgccg gcactacggt 720
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 aatcaggatc tggttaaaga agagcagcct catctgaagc cgtgcccgt tcgtcgcagc 960
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ggaataaagg	aaaaagagct	accgcccgtc	agtgtcgttc	agcataacct	gagcagttat	1500
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<210> 1664

<211> 1101

<212> DNA

<213> Enterobacter cloacae

<400> 1664

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cggagcgtg	ctatcatgaa	cgtaaact	attggaatcg	atttggcaaa	aaacgttttc	120
cagatccatg	gggttgacga	gcacggaaaa	cggttgttca	acaaacaact	cagacgggca	180
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cctcagttcg	tcaaacccta	tgtaaaaacc	aataagcatg	atgctgcaga	cgctgaagct	360
atttgtgaag	ccgtcactcg	acctaacatg	cggttcgtgc	cggtcaaaac	cgctgagcag	420
caagccgtat	tggcacttca	ccggagtcgt	cagagcttca	tcaaacagcg	aaccgcacaa	480
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cagctacagc	gacgattacc	tgagctcgtg	gaagatgcgg	ataaccggtt	accgctcctg	600
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acactcgaca	agcagattga	gcagtgcctat	cgcaaaaatg	ctctctgcca	gcgtatcggc	720
aagatccctg	gtattggccc	tgttaccgcc	agcgcgctga	ttgcgaccat	tggtaaagcc	780
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gtatcgagct	gggctaacca	gctaattggcg	cgccggaata	acaacattgc	ctcggtagca	1020
ttggctaaca	agaatgcgcg	gactgtgtgg	gcgctcctgg	ccaaagagcg	ggagtattgt	1080
gcaccaataa	taagcgctta	a				1101

<210> 1665

<211> 990

<212> DNA

<213> Enterobacter cloacae

<400> 1665

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atcaaccgtg	gctccataac	tttctggctg	gatgatgaag	ctattcaggc	ctggatagag	180
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gaaacggcga	tgtaccgggt	aaaacagctg	ttcgggggtt	cactgacgct	gcgtgactac	900
gatggtcagg	ttgcggaggc	tatggccctg	gtacgagcgc	tgaacaaaat	gacgaaagca	960
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<210> 1666

<211> 1482

<212> DNA

<213> Enterobacter cloacae

<400> 1666

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cacaaaactt	tggttaacagc	ttcgcactatt	tatgacctga	aatatctggc	tcagggtatta	180
aatgatgaaa	atggcagtaa	ttggtcccgt	gcacccctta	aacgtcaggt	tacatgcata	240
cctgagcatt	gtgatctgag	tatcgcagat	ggacgctatc	tacagacttt	aataccttca	300
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ggactgcgaa	gcggtattga	tgccatcggt	ggtaaattgc	ttttcacgag	cgaatggaat	420
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<210> 1667

<211> 786

<212> DNA

<213> Enterobacter cloacae

<400> 1667

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ctggcagagg	gggtggacccc	gtcacgctat	ctgctgacgc	tgtgtaatga	agaactgctg	180
tggcgtgaaa	gcgaaaagct	gcgccgctat	aaaaaggaag	cccggttgcc	ggtcgcgaaa	240
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ctctgcgaaa	cgacagactg	ggttgatgca	ggtgaaaacg	tcctgctgtt	cggcgccagc	360
gggctgggga	aaagccatct	ggcggcagcg	atcgtggatg	gcgttgtagg	tcagggtctac	420
cgggcccggt	tctacagcgc	gggagagctg	ttgcaggaaac	tgcgtaaaag	cagagctcag	480
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atcttcgtgg	atgagacgat	ggcagtagcg	gcggccgaca	ggctgatcca	ccacggatat	720
atgttcgaac	tgaagggaga	aagctacagg	aaaaagacgg	caaaggcagt	aaccagcgcg	780
acttaa						786

<210> 1668

<211> 1131

<212> DNA

<213> Enterobacter cloacae

<400> 1668

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ttcatcccca	gcgccattct	gcttggcgcg	cttcatggac	tggagcccgg	gcaactccaaa	120
acaatgatgg	cagcattcat	catttgctata	aaaggcaccg	tacgtcaggc	cgtgatgctg	180
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tggctggagg	gaatgcagga	gaatgaacat	catcaccatg	acgaaacaag	gttgatcgat	420
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ctacgcactc	ttagtggcca	aagatgggct	tctgaagata	tctcattaac	cacacttcgg	540
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<210> 1669

<211> 1026

<212> DNA

<213> Enterobacter cloacae

<400> 1669

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<210> 1670

<211> 606

<212> DNA

<213> Enterobacter cloacae

<400> 1670

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gaagtctgcg	atctgcttct	gctggcgag	ggcaagcttg	atgaggcgaa	agggcaatcg	600
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<210> 1671

<211> 576

<212> DNA

<213> Enterobacter cloacae

<400> 1671

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cagccgattc	atattgaatc	cgatacccgag	tctctggata	tgcagggtaa	cgctcgtcacc	180
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agcgaaaaag	gcaaacgcgt	cacgaccgtg	cttgtgcctt	cgcagttgca	ggacaagaac	540
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<210> 1672

<211> 732

<212> DNA

<213> Enterobacter cloacae

<400> 1672

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aacgagctga	tggaagagtt	tcatattgaa	caccttcgcg	acagcctcgg	tcaggcgcgtg	420
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gaaacgctgg	cgggtgtgtga	gcgcgcctac	atagtgaacc	agggccatct	gattgccccac	660
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<210> 1673

<211> 417

<212> DNA

<213> Enterobacter cloacae

<400> 1673

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gaagacacta	tcagactcaa	tatacccgga	cataacgtcg	agattactga	ggctttacgc	180
gatttttgtaa	acactaagtt	tgcgaaactc	gagcagattt	tcgagaggat	caaccaggctc	240
tatgtttgtgt	tgaaagtgga	gaaagtgacg	catatctcgc	atgcgaccct	gcacgtcaac	300
ggagggggaac	tccatgccag	tgcggaaggg	caagacatgt	acgcggctat	cgacggccttg	360
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<210> 1674

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 1674

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gaaatcacca	ataagctggg	tatgcatgcg	cgcccggcga	tgaagctggt	tgagctgatg	180
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agcgtgatcg	ccctgctgat	gctggattct	gccaaaaggcc	gccagattga	agttgaagcc	300
accggcccgc	aggaagaaga	agcgtgggcg	gcagtgattg	ccctgtttta	cgccgggttt	360
gacgaagact	aa					372

<210> 1675

<211> 891

<212> DNA

<213> *Enterobacter cloacae*

<400> 1675

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acgatcgcgg	cgctgatcga	atztatccac	accgccaccc	ttcttcacga	cgatgtttgtg	180
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<210> 1676

<211> 342

<212> DNA

<213> *Enterobacter cloacae*

<400> 1676

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acaaaattca	tcgactggca	ttctgctgac	attattgcgg	cactgcgtaa	aaaaggaact	120
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<210> 1677

<211> 1062

<212> DNA

<213> *Enterobacter cloacae*

<400> 1677

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ctgatgcagt	cccgtcatat	tacctcagtg	atggttgccg	atggcgacca	actgctgggt	1020
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<210> 1678

<211> 507

<212> DNA

<213> Enterobacter cloacae

<400> 1678

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caggattgta	cccgcagtgg	cgttcactgc	cagagcaaaa	aacgtgcgct	ggaaatcatc	120
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cagacaaaga	cccacctgca	cacgctgtcg	ctggttgcca	aacgtctggc	ggataaaacc	420
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<210> 1679

<211> 900

<212> DNA

<213> Enterobacter cloacae

<400> 1679

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<210> 1680

<211> 594

<212> DNA

<213> Enterobacter cloacae

<400> 1680

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<210> 1681

<211> 1473

<212> DNA

<213> Enterobacter cloacae

<400> 1681

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<210> 1682

<211> 833

<212> DNA

<213> Enterobacter cloacae

<400> 1682

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<210> 1683

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 1683

aagataaaaa	agagtacctc	gaggccggaa	tggaacgatgt	gctcagcaag	ccgctggcgg	60
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accatgacgt	ctgttgatag	cgccaaagcc	caaacgatac	tggaaccgc	catgctggag	180
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atcgtcgaag	agggacataa	aatcaaaggc	gcggcaggat	cggtcgggtt	acgtcatctc	360
cagcaactgg	gccaacagat	tcagtcgcct	gatttacctg	cctgggaaga	taatgtagg	420
gattgggtcg	aagagatgaa	acaggagtgg	caaaacgatg	tggaacgtgt	gaaagcctgg	480
gtagatgccca	gaaaaaaatg	a				501

<210> 1684

<211> 759
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1684
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 attgcgctgt tcagcatcct gcccgctccg ttctccgccg tgatggcaga gcggcagatt 180
 agcgcttggc tctcgggtga ttttggtat gttgccact cagactgggt cggcatggat 240
 gaaatctccc cgtggatggg gctggcggtc attgcggcag aagatcagaa attcccggag 300
 cactgggggt ttgacgtggc ggctattgag aaggcgctgg atcataatga acgtcatgaa 360
 aaccgcgtcc gcggcgcgct gacgctttct cagcagacgg taaaaaacct gttcttatgg 420
 gacggtcgca gctgggtgag aaaagggctg gaggccgggc tgacgctggg cgtcgagacg 480
 gtgtggagca aaaaacgcat tttgaccgtc tacctgaata tcgcggagtt tggtagcggc 540
 gtgtttggcg tcgaagcggc atcgacggcg tattttggca agcccgccag caggttgact 600
 atgtccgaag cggcactcct tgccgccgtg ctgccgaacc cgctgcgttt taaggccagc 660
 acccgctcag gctacgtgcg aagccgccag gcgtggatta tgcgccagat gcgtcagttg 720
 ggtggggaag ggtttatgga gcgaaataat cttatgtag 759

<210> 1685
 <211> 798
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1685
 ggagttaagc cactcatgct gttaaatgcg ttggcgggtc ttggacaccg tggcctaaaa 60
 accatcagta cgttcggggc tgccggatta atgttgttca acgcgctggg cggcaaaccg 120
 gagttccgca agcatgcgcc gttactggtg cggcagctct ataacgtcgg cgtgctgtcg 180
 atgcttatca tcacgtgtc gggtttgttt attggcatgg tgctgggggt gcagggggat 240
 ctggtactga caacctacag cgcggaaacc agccttgga tgctggtggc gctctcgtg 300
 ctgctgtaac tcgggcgggt ggttgccgcg ctgctgttcg ccgggcgtgc cgggtcagcg 360
 ttgacggcgg aaattggcct gatgcgcgcc accgagcagc tctccagtat ggagatgatg 420
 gcagtcgacg cgctgcgcgg ggtgatctcg ccgcgcttct gggccggggg tatctccttg 480
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 cggatggatc tgggtgaactg tctgatcaag agcgtggttt tcgctgtgac ggttacctgg 660
 attgcgttgt ttaatggtta cgatgccatt ccgacgtcgg cgggcattag ccgtgcaacg 720
 acgcgtactg tcgtacattc gtcgctggcc gttttaggtc tggattttgt gctcaccgca 780
 ctgatgtttg ggaattga 798

<210> 1686
 <211> 357
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1686
 tggcctgacg gctcagcttc agtccatctc tcgtcagaaa attaccctgg acgagaagaa 60
 gtaatgtcac agcagcttag ctgggcgcgt gacggcgaga cgttgacgct gacgggagag 120
 ctggatcagg atctgcttaa cccgctgtgg gacgctcgcc ataacgcgat gcagggcgtg 180
 acgctgattg atctccatgg cgtcacgcgg gtagataccg ccggtatcgc cctgctggcg 240
 cacctggtgg ccacgggcaa aaagcagggg agtagcgtca ccctgacggg ggtaagcgat 300
 aacgtgatta cccttgaca gctttacaat ttgcccgaag acgtattacc tcgctaa 357

<210> 1687
 <211> 381
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 1687
 ttttttcagt acgttacttc tgaaagcccc gacagtttac gcgtcggggc tttttgcttg 60
 tttaagaccg cgccactttg ctctaagatg ttgagcttgt tttcactatc agatgatgta 120

gaccccatgg	aaaataatga	aatccagact	gtgctgatga	atgcactctc	ccttcaggaa	180
gcccacgtct	ctggcgatgg	cagtcacttc	caggttattg	ctgtgggtga	gatgttcgac	240
ggaatgagtc	gcgtgaagaa	acagcaggct	gtgtacgcgc	cgctgatgga	atacattgcg	300
gataaccgca	tccacgcct	gtcgattaaa	gcgttcaccc	cacaggagtg	ggcacgcgat	360
cgcaaactaa	acggtttttg	a				381

<210> 1688

<211> 702

<212> DNA

<213> Enterobacter cloacae

<400> 1688

tcagaatttt	taatgtgctt	cagcgagttg	cttagaagga	tcgtcagaat	gaagaaagtg	60
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acgctgctgg	cattatcgcg	gcagggggca	gacgttatct	gcttcgcgcc	ggataaaact	180
caagcagacg	taatgaatca	tcttaccggc	gagccaatgg	cggaaagccg	taacgtgctg	240
attgaagcag	cacgtattgt	gcgtggagat	attcatccgc	tggcacaggc	cgatgccgct	300
gaacttgatg	cgctcatcgt	gccgggcggc	tttggcgcg	caaaaaacct	gagcacgttt	360
gcaacagaag	gcgcggcggtg	ccatgtcgat	cccgatttga	aagcgctatc	gctggcgatg	420
catgcagcag	gtaagccgca	gggctttatc	tgcattgcgc	cagccatgct	gccgaaaatt	480
tttgatttcc	cgctgcggtc	cacgatcgga	accgacattg	ataccgctga	aattatcgag	540
gatatgggcg	gcgagcacgt	gccatgcccg	gtcgacgaca	ttgtggtgga	tgaggacaac	600
aaaatcatca	ccacgccggc	gtatatgctg	gcgcagaata	tcgctgaggc	tgccgcaggc	660
attgaaaagc	tggtggacag	agtgcgtggt	cttaccgaat	ga		702

<210> 1689

<211> 567

<212> DNA

<213> Enterobacter cloacae

<400> 1689

tgtttgggaa	ttgagttcat	gcaaacgaga	aaaaatgaaa	tttgggttgg	cgtgtttctg	60
cttctggcgc	tgctggccgc	gctgttcac	tgcttgcgag	cggcggacat	cacctctgtt	120
cgcgccgagc	cgacgtaccg	tatctacgct	actttcgata	acatcggcgg	cctgaaagcg	180
cgctcaccgg	tgcttattgg	tggcgctggt	atcgacgctg	tcgcccacat	tacgcttgat	240
gagaaaacct	atctgccgcg	cgctcgcgatg	gatatcgaag	agcgctataa	ccacattccg	300
gacaccagct	cgctttctat	ccgcacctct	ggcctgctgg	gggagcaata	tctggccctt	360
aacgttggtt	ttgaagatcc	tgagctggga	acgactatcc	ttaaagacgg	tagcgtaatc	420
caggatacca	agtcagcgat	ggtgctggaa	gatatgattg	gtcagttcct	ttacaacagt	480
aaaggggatg	ataaaaagtc	tgacgatgcc	cctgcgcaga	gtgaagacca	caccaacgtc	540
gaaccgacgc	caggcgcgac	gaattaa				567

<210> 1690

<211> 654

<212> DNA

<213> Enterobacter cloacae

<400> 1690

tttcaggaga	agttattcat	gtttaaacga	ctgttaatgg	ttgccatgct	ggtcattgcc	60
cctcttaccg	cggcgcacgc	tgcggatcag	agtaaccgt	acaaaactgat	gaatgaggcc	120
gcgaagaaaa	ccttcgaccg	tcttaaaaac	gaacagccaa	aaatccgttc	taaccctgat	180
tatctacgtg	atgtggtgga	tcaggagctg	ctgccgatg	tgcatatcaa	gtacgcgggc	240
gcactggtgc	tgggccgtta	ctacaaagac	gcgaccccg	cgcagcgcga	ggcttacttt	300
gcggcggttc	gtgaatacct	gaaacaggct	tacggccagg	cgctggcgat	gtatcacggg	360
cagacctatc	agattgcccc	tgaacaaccg	ctgggcgatg	ccactatcat	tcctattcgc	420
gtgacgatta	tcgatccaaa	cggtcgtcca	ccggttcgtc	tggacttcca	gtggcgtaaa	480
aacagtcaga	ccggaactg	gcaggcgtag	gacatgatcg	ctgaaggcgt	cagcatgatc	540
accactaaac	agaacgagtg	gagcgatctg	ctgcgacta	aaggcattga	tggcctgacg	600
gctcagcttc	agtccatctc	tcgtcagaaa	attaccctgg	acgagaagaa	gtaa	654

<210> 1691

<211> 1977

<212> DNA

<213> *Enterobacter cloacae*

<400> 1691

gtattattga	gcgataaagt	cgtgaaggga	tcctctatga	agcaaattcg	aatgctggcc	60
cagtactacg	tcgacctgat	gatgaagctc	gggctgggtg	gtttttccat	gctgctggcg	120
ctggcgctgg	tcgttctggc	cattgtcgtg	caaatggccg	tgaccatggg	tctgcatgga	180
caggctcgaga	gcatcgacgt	gatccgctct	attttctttg	gcctgctgat	caccccatgg	240
gcggtctatt	tcctctccgt	ggtgggttag	cagctggaag	agtcccgcga	gcgtttatcg	300
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aaggacaaca	ttgcccagct	gaatcaggaa	atttcagacc	gtgagaaggc	ggaagccgag	420
cgtcagacca	cgcttgagca	gctgaaaatt	gagatgaaag	agcgcgaagt	cacgcagatc	480
cagcttgaac	agcaatcctc	tttctctgcg	tcgttcctcg	atgcgtcgcc	ggatctggtg	540
ttctaccgta	atgaagataa	agagttctcc	ggctgtaacc	gggccatgga	actgttgacc	600
gggaaaagcg	aaaaacagct	gatacacctg	aaacctcagg	atgtctattc	cgaagaggcg	660
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cgtaagcgct	atcaggatgc	gctggagcgc	gccagccggg	ataaaacaac	cttcatctcc	900
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ctggataaccg	agctgaccag	cgagcaggaa	aaatacctca	aaacgatcca	cgtctcggcg	1020
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gcggaagagg	tggaagatac	gtttgagaac	gatgatatgc	cgctgccagc	cctgcacgtc	1620
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ggtaacagtg	tggatgtggc	gatgaccggc	aaagccgcgc	tggagatgtt	cacgccgggc	1740
gagtacgacc	tgggtgctgt	cgatatccag	ctaccggaca	tgaccggact	ggatatctcc	1800
cgcgagctga	cgcgcaaata	tgctcctgac	gagctgccgc	cgctgggtgg	gttgaccgca	1860
aacgtgctga	aagataaaaa	agagtacctc	gaggccggaa	tggacgatgt	gctcagcaag	1920
ccgctggcgg	tacctgcccc	tgacggcgat	gatcaagaag	ttctgggata	cctgtga	1977

<210> 1692

<211> 813

<212> DNA

<213> *Enterobacter cloacae*

<400> 1692

atgagccaaa	cgatggcgaa	tatagtcgat	gtccggggcg	tcagtttttc	tcgcggcaac	60
cggttaatat	ttgatgatat	ttcgctgacc	gtgccgcgcg	gtaaaatcac	cgccatcatg	120
gggccgtcag	ggatcggtaa	aaccacgttg	ctgcgtctta	tcggcgggca	aatccccctt	180
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atgccgtccg	aactctcggg	tgggatggcg	cgccgcgccg	cgctggcgcg	tgctattgcc	480
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ggcgtgctgg	tgaagttaat	ttcgagctg	aacagcgccc	ttggcgtcac	ctgcgtggtg	600
gtttcccacg	acgtgccgga	agtgtgagt	atcgctgatt	acgcctatat	tgtggctgac	660
aaaaagatcg	tcgcccacgg	cagcgcgcag	gcgttgacag	agaatggcga	tcgcgcgcgtg	720
cggcagttcc	tggacgggat	cgcagatggg	ccgtgacctt	tccgctatcc	ggcggggcgac	780
tatcatgacg	atttactggg	aatagggagt	taa			813

<210> 1693

<211> 1305
 <212> DNA
 <213> Enterobacter cloacae

<400> 1693
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 gtacagggac ctacgcgtct ccagggcgaa gtcacaattt ctggcgctaa aaacgccgcg 120
 ctgcccattc ttttcgctgc gctgctcgca gaagagccgg tagagatcca gaacgtaccg 180
 aagctgaaaag atatcgacac gaccatgaag ttgctcggcc agttgggcac caaagtggag 240
 cgtaacggtt ccgtctggat cgatgccagc aacgtgaaca acttctcagc gccgtatgag 300
 ctggtgaaaa ccattgcgtgc gtccatctgg gcgcttggtc cgctgggtggc gcgcttcggt 360
 cagggacagg tttcactgcc gggcggatgc gctatcggcg cgcgtcccgt tgacctgcat 420
 atcttcgggc tggaaaaact cggcgcggag atcaagctgg aagagggtta cgttaaagca 480
 tccgtcaatg gtcgtctgaa aggcgcgcac attgtcatgg acaaagtgag cgtgggcgca 540
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 gcccgtgagc cggagatcgt ggataccgcg aacttctctg tcgcgctggg agcgaagatc 660
 agcgggcagg gcacagaccg tatcaccatc gaaggcggtg aacgtctggg tggcggtgtg 720
 tatcgcgtac tgccagaccg tatcgaaacc ggcactttcc tgggtggccgc ggccatttct 780
 ggcggtgaaga ttgtctgccc taacgcccag ccgatacccc tggatgcggt gctggcgaag 840
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 actaccgttg tcgatcgtat ctaccacatc gatcgtgggt acgagcgtat tgaggataaa 1260
 ctgcgcgcgc tgggtgcaaa tatcgagcgt gtgaaggcg agtaa 1305

<210> 1694
 <211> 1020
 <212> DNA
 <213> Enterobacter cloacae

<400> 1694
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 cgttcacgcg catatgcctg gggccgtgtc cattatttca ttatcgaaca tgcaccaatg 180
 gctgagctgg tcgctattga cgagctgctg gaaaaagctg gctggagcaa tgacggctgt 240
 ccgaactatg agaaagatga cgagtttggg aatgctgggt acagctgtgg ttactggatc 300
 gatattgaca gcgtgggaag cttcaaggct gactacaaac gtcttaaggg tgagattagt 360
 gcgcataatg cctcaaaggc ggcagagggt gagatccgcg tactggactc gatgtccgac 420
 aaagaatgta aagatgttgc ctcggtggca tgtactgttc gccgtgactt acgtacgcag 480
 tccgaatcgc ttcatctact gcgtactatc gtaacggttg atcattacaa tccctatgtg 540
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 aagcttcttc tgaaaatgac cagtcagtag gaagtgcggg actcactgag cacctgttag 1020

<210> 1695
 <211> 201
 <212> DNA
 <213> Enterobacter cloacae

<400> 1695
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 cagaaagtag tcgtaagaac ggtgatcact gtccgctttg tgccagaagc ggacttttta 120
 aaaatattgc gtgcccaca attgggcgca ggtcacatca agtaccctca gaattataga 180

gaatacctga aatTTTTgta g

201

<210> 1696

<211> 300

<212> DNA

<213> Enterobacter cloacae

<400> 1696

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cgagctgggt	gcctcaatga	tggtggcatc	gaccaagggt	ccttgagtca	tcatgacgcc	180
tgcttcggcc	agccagcgat	tgatggctct	gaacaattgg	cgggccagtt	gatgctgctc	240
cagcaggtgg	cggaaattca	tgatgggtgg	gcggtcaggc	aaggcgctat	ccagggataa	300

<210> 1697

<211> 252

<212> DNA

<213> Enterobacter cloacae

<400> 1697

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gacttccacc	atgttttgcc	atggcagaat	ctgctccata	cgggacaaga	aaatctcttt	120
tctggtctga	cggcgcttac	tgctgaattc	actgtcggcg	aaggtaagtt	gatgactcat	180
gatgaaccct	gttccatggc	tccagatgac	aaacatgac	tcatatcagg	gacttgttcg	240
caccttcctt	ag					252

<210> 1698

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 1698

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gaacaagctg	cggcacgcat	tggcatttct	attcggcagg	ttaaacgtct	ggtgcaacgg	180
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gaaactctca	ggaagtggat	ggtagaggag	ggcatatggc	gcgaacgtcg	tcgtaagttt	420
gcccgaattt	atcagcgccg	gatgcggcgc	ccatcctacg	gtgaactcat	ccagattgat	480
ggctcgcttc	atgactgggt	tgaaggctcg	ggccccaat	gcacactgat	agtctttttc	540
gatgatgcta	ccagcgctct	gatggcgcta	cgattcgctc	ctgcagaaac	aaccggggct	600
tacatggaaa	ccctccgggg	ttaccttaat	gatcatggcg	taccactggc	tctctattct	660
gacagacaca	gtatattcag	agtaaataac	ccggagcggg	aaaggagagt	tgactcagtt	720
cacacgtgcg	ataaagacac	tgggcatcga	gccaatccat	gccaacagcc	cgcaggcaaa	780
agggcgggta	gagcgtgcca	atcagacact	gcaggacagg	ctggtcaaag	aaatgcgggt	840
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<210> 1699

<211> 642

<212> DNA

<213> Enterobacter cloacae

<400> 1699

aggggtttca	tgtaaatcat	aggcgcgtgt	acccgtttta	tcaacttcagt	ggcctggggc	60
ttaaaccgca	gaagacgtcg	taaagggtcg	gcaacagaac	gtctgccgtg	cttccttccg	120
gcggcgccca	atctgacctg	gtcgatggat	ttcgtcatgg	acgcactttc	caccggtcgc	180
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gcctttggga	tttcaggcgt	tcaggtcacg	cgtattctgg	acagcattgc	actgtttcga	300
ggctatccgg	cgacgataag	aactgaccag	gggcccggag	tcaacttgccg	tgactgggat	360
caatgggcct	ttgagcatgg	tgttgagttg	cgcttaatcc	agccgggcaa	gccaacgcag	420

aacggattta	ttgagagctt	taacggacga	tttcgcatg	aatgtttgaa	tgagcactgg	480
ttcagcgata	tcgttcatgc	caggaaaatt	attaatgact	ggcggcagga	ttataacgaa	540
tgccgcccgc	actccacgct	gaattatcag	acaccgtctg	aatttgcagc	gggctggaga	600
aagggtcatt	ctgagaatga	agattccgac	gttactaact	ga		642

<210> 1700

<211> 1053

<212> DNA

<213> Enterobacter cloacae

<400> 1700

gtgttgatc	taatcgtggg	ggcaggtcat	ggcagattctc	tgaataatgc	taatatgtgg	60
ggtggggaaa	tccttaatcg	agttcaacaa	tgtaccagtt	acactttggc	attaacaggg	120
accccatgga	gaacggataa	taatcctata	gtgctttcaa	attacactga	tccgcaaggg	180
aagatctgtt	gtgactatgt	atatgggtcta	cacgaggcta	ttgtcgatgg	ggtttgtcgt	240
aaacctaata	ttgtctttat	aaatagtaat	aattttacttt	attcatcagg	ggaagttggt	300
cagcattttg	attccatagc	aggtttcctg	agtgaaccca	tcacttcgta	tcaatcaata	360
atgtggcatc	cagatgcaat	gaagtattta	ctcaaactctg	gatgtaaaaa	actttgtgaa	420
atacgtaagg	ttaattctga	cgcgggtggt	ttagttgtcg	cttcttctgt	cgaacatgca	480
tatcaactac	tgaatatatt	ggaaaaacgaa	ttcgcccaaa	ctgcgacaat	tgtgacgtac	540
cacgatcgag	atgctttggg	taagatagag	aattatcggc	aatcaactac	agaatggatt	600
gttagcggtg	gtatgattag	tgagggcaca	gatatcccta	gactacaggt	gtgctgccac	660
ctaagttctg	tcaaaacaga	actttacttc	agacaagtat	tgggtagaat	tttacgggtg	720
aatcaaagtg	aaaatcaaga	agcctgggtta	tttactatcg	ctactgatga	actgacttta	780
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gatgagtggg	cattatctat	acatgagact	gagtctacat	ccccagaaat	agtgcgcaga	900
aatggtatgt	caaaaatcgg	agagtttaat	ttgaaaatga	atttcagtga	aataactata	960
tcgccacctg	ctgtttttaga	caaaacaaaa	caactaaaca	tgggttctct	atatcaacag	1020
gtgatcgacg	cattttttatt	ttcagttatt	tga			1053

<210> 1701

<211> 279

<212> DNA

<213> Enterobacter cloacae

<400> 1701

tctgctgcat	ggagaggagc	aatttgtctc	agccgatgcc	ggctaccaag	gggcgccaca	60
gcgcgaggag	ctggccgagg	tggatgtgga	ctggctgac	gccgagcgcc	ccggcaaggt	120
aagaaccttg	aaacagcatc	cacgcaagaa	caaaacggcc	atcaacatcg	aatacatgaa	180
agccagcatc	cgggccaagg	tggagcacc	atttcgcatc	atcaagcgac	agttcggctt	240
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<210> 1702

<211> 690

<212> DNA

<213> Enterobacter cloacae

<400> 1702

ataaccgga	gcgggaaagg	agagttgact	cagttcacac	gtgcgataaa	gacactgggc	60
atcgagccaa	tccatgccaa	cagcccgcag	gcaaaagggc	gggtagagcg	tgccaatcag	120
acactgcagg	acaggctggg	caaagaaatg	cggcttcagg	gtatcagtga	tattgaaaca	180
gcaaacgcat	ggttgccgac	ctttattgaa	gcctataaca	accggtttgc	tacgccgcct	240
cgtattgctg	ataacgcca	tcttgatgta	caccattctg	aagaggaact	gggttatatc	300
ttcagcctcc	aggcgaagcg	cgttctctcc	aaaaatctca	ctttccagta	caaaagcagt	360
gcggtttcaga	ttcgcagtga	aggccgggga	tatcgacttc	ggcattcggt	tgtcacggta	420
tgcgaaagct	ttaacgggtga	aattaagggt	ctgtatgatg	ggaaagcggt	gggatgggaa	480
aaatatgttg	atggcccggg	gcctatacca	ctggatgatg	aaaaaagtgt	ccatgaacgt	540
gtggataaat	cccgttttga	tttacgctca	aaattctacg	taaaacctaa	agctgaccat	600
ccttggtcca	cgcgccgcac	gcaaagtaat	cagcaagtga	agccccctaa	attacccaga	660
aagaaggctg	atcccataaa	aatggactga				690

<210> 1703
 <211> 948
 <212> DNA
 <213> Enterobacter cloacae

<400> 1703
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 cactacgctt ggcttttccat tgccacggct attgccacta tcggactcaa aggtgtggcg 120
 tggaaaatga ccggttcggg cggctctgcta tctgatgcc a tcgaatccgt agttaacctc 180
 gcaggagccc taatggcgct ctggatgctg accttggctg cgcttccggc cgatgagaac 240
 catgcatatg ggcacggcaa agccgaatat ttctcgagt ctttcgaagg atttctgac 300
 ctattggcgg cagccagtat cgcctataacc gcagttgagc ggatgttaac tccacagccg 360
 cttgaggaga ttggtctcgg attactgggt tcaacagtcg catcaatcct taattttgtg 420
 acggctcgca ttttgttaa ggtggcagg cagcacaact ctatcactct tgaggcagat 480
 gctcatcacc tgctgaccga tgtctggacg tcggctcggg tcatttttgg tgtcggactg 540
 gtttatctga ccggctgggt ttgggtcgat ccgatcgttg cattgctggg cgcagccaac 600
 atcgtttga ctggttatca gcttatgagt cgttcagctg caggtctgat ggacgtatcg 660
 ctaccacagg aagaactcaa aaaaatcgag tcaactgctg caggatatcg tgaacagggg 720
 cttgatttcc atgcactacg tacacgccag gctggcgggc gggcgtttat gacaatgcac 780
 atcctagttc ctgggcgatg gactgttcaa tatgggcacg actggggcca gcgtatagag 840
 aatgatatcc gcaccgcact gccttttatc catatcacca ctcatgtgga accgttggaa 900
 gatcccgcgt caatgaacga ccaaacgctc gacatttctg atcactaa 948

<210> 1704
 <211> 294
 <212> DNA
 <213> Enterobacter cloacae

<400> 1704
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 ggctcgacgg tacgtgaaca gttgaaaaag aagctggttg aagtacttga gtcaccccgg 120
 attgaagcaa acaagctccg tggatatcct gattgttaca agattaagct ccggtcttca 180
 ggctatcgcc ttgtatacca ggttatagac gagaaagttg tcggttttctg gattttctgtt 240
 gggaaaagag aacgctcgga agtatatagc gaggcgggtca aacgcattct ctga 294

<210> 1705
 <211> 1026
 <212> DNA
 <213> Enterobacter cloacae

<400> 1705
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 accttcgccg acagtgaatt cagcagtaag cgccgtcaga ccagaaaaga gatttttctg 120
 tcccgtatgg agcagattct gccatggcaa aacatggttg aagtcatcga gccgttttac 180
 cccaaggctg gtaatggccg gcgaccttat ccgctggaaa ccatgctacg cattcactgc 240
 atgcagcatt ggtacaacct gagcgatggc gcgatggaag atgctctgta cgaaatcgcc 300
 tccatgcgtc ggtttgcccg gttatccctg gatagcgctt tgccctgaccg caccaccatc 360
 atgaatttcc gccacctgct ggagcagcat caactggccc gccaatgtgt caagaccatc 420
 aatcgctggc tgccgaagc aggcgtcatg atgactcaag gcaccttggg cgatgccacc 480
 atcattgagg caccagctc gaccaagaac aaagagcagc aacgcgatcc ggagatgcat 540
 cagaccaaga aaggcaatca gtggcacttt ggcatgaagg cccacattgg tgtcgatgcc 600
 aagagtggcc tgaccacag cctagtcacc accgcggcca acgagcatga cctcaatcag 660
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 ttcggcttcg tgaaagccag atacaagggg ttgctgaaaa acgataacca actggcgatg 960
 ttattcacgc tggccaacct gtttcgggcg gaccaaatga tacgtcagtg ggagagatct 1020
 cactaa 1026

<210> 1706

<211> 1374
 <212> DNA
 <213> Enterobacter cloacae

<400> 1706
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 gcagataaac tgctggctat atttctttcg aagagcgtgg aatgcatacc aatccccgat 120
 aaaaaggagt tggatgatgac tgtgactaat caatttgctg cgcacgttgg tctggactgg 180
 gctgataaaa aacacgatgt ctgtgttcag tttaaaaacg gtgaacgcgt attcgatgtg 240
 attgaacata cagcagaagc gcttgatgcc tggcttactg agttacacca gaaagtataa 300
 ggtagaatcg caatagctct cgaactgaag aagggccccc tggatatatg tcttcaaaaa 360
 taccctttta tcaccgtttt ccccgctccac gcattgtccc tggctcgta tccgcaagcc 420
 ttctcgccca gcggcgctaa agatgatccg caggatgccg agctggcatt agagttaatg 480
 ctgctgtacc cccagaagat aaaagctatt gaacccgaca atgcggatat tgccttactt 540
 cagcaactgg ttgagcaacg tcgtcagttg gttgaagata aacgacgctt tgtgaaccgg 600
 ataatcaaca cgcttaaaac gtattatcct cagccactgg agtggttctc acatcggggg 660
 agcttactgt tgtgtgagct gattatccgg tggcccagtc tgcaacaact gaaacgagcc 720
 agacgcgaca cgatccgcaa ctttctgaat gccaaagggt gtcgcgctat ggcccttacc 780
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 gataatcgtg accggtttta cagcgctgaa gaaattcaaa actacgcagg tatagcaccg 1080
 gtgaccgaac gaagcggcca aaaatcatgg gttcactggc gatggcaatg tgccaagtgc 1140
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 gcgttcaaat ggataaggat catttaccgc tgctggaagg ccagaacctg ttatgacgaa 1320
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<210> 1707
 <211> 243
 <212> DNA
 <213> Enterobacter cloacae

<400> 1707
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 cttgaaaaaa tgggcgtaac tccttctgaa gcgcttcgtc tcatgctcga gtatatcgct 120
 gacaatgaac gcttgccggt caaacagaca ctctgagtg atgaagatgc tgaacttgtg 180
 gagatagtga aagaacgact tcgtaatcct aagccagtag gtgtgacgct ggatgaactc 240
 tga 243

<210> 1708
 <211> 189
 <212> DNA
 <213> Enterobacter cloacae

<400> 1708
 cacttctgct ttgctgtgac aggagaagaa ggccatgaaa atgccgaacc aacccattgt 60
 tttgtgcata ttaatagttt gtttaacgct gttgatattc acctgggtca cacgaaactc 120
 gctttgcgag ttgctgatga aagacggaac aaggagggta tctgctatcc tggcctacga 180
 atccggttaa 189

<210> 1709
 <211> 1212
 <212> DNA
 <213> Enterobacter cloacae

<400> 1709
 ctgtgttatg gtcataaaaa actcaaacgt gtagaagtca aacaaatgaa aataaccatc 60
 tccggaacag gctatgttgg tctctcaaac ggtattctga ttgcacaaaa ccatgaagtg 120
 gttgcgctgg atatcgtgca ggcaaaagtg gacatgctta accagaagaa gtccccgatc 180

gtcgataaag	agattgaaga	atacctcgcg	actaagccgc	tgaacttccg	cgctaccacg	240
gacaaagaag	acgcataaccg	cgatgcggat	ttcgtcatca	tcgccacgcc	aaccgactac	300
gatcctaata	ccaactactt	caatacctca	actggtgaag	cggtgatcaa	agacgttacg	360
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ctgttcaccg	attccaccga	ggcagaggcc	attaagcttt	tcgctaatac	ctatctggcg	660
atgctgtgtg	cttacttcaa	cgagctggac	agctatgccg	agagcttagg	tctgaacacc	720
cgtcagatca	tcgagggcgt	gtgtcttgac	ccgcgtatcg	gtaaccacta	taacaacccg	780
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atgaagagcg	gttccgataa	cttccgcgct	tcttccattc	aggggatcat	gaagcgtatt	1020
aaggcgaagg	gcgtgcaggt	cattatttat	gaaccggcga	tgcaggaaga	tgagttcttc	1080
cattcgcgtg	tgatccgcga	tctggatgcg	tttaagaaag	aagcggatgt	aattatctcc	1140
aaccgcatgg	cggaagagct	cgcggacgtg	aaagataaag	tctatacccg	cgatttggtc	1200
ggcagtgact	ga					1212

<210> 1710

<211> 468

<212> DNA

<213> Enterobacter cloacae

<400> 1710

cgcgcgcaaa	cctcttcata	cagcgagacg	ttagagcctg	cgagcgtacc	atcgcgtgaa	60
atatccgtgc	acaggacgtg	cttcagccct	acggggagat	acatcccagc	cagctcttcc	120
agcgttacgc	cggagttttc	ctgccagccg	ctgaccgcga	cctgcttggt	accctgttcg	180
tcaatgcgca	catccagcgc	cagcaccagc	gcacccgcac	cgaagcggcg	gaaccagccc	240
ttgacactct	caggatcttt	cacagcggtc	gaaccgacca	ccaacgcgcg	cacgcccgcg	300
ttcagtaagg	cggcaacatc	ggcttccgta	cgcacgccgc	cgcccacctg	caccgggacg	360
ttcacgccag	ccaccagtgt	tttaagcagc	gggatttgge	gcttcgcccg	atctttcgcg	420
ccggtcagat	cgaccagatg	caacacctca	gcgccctcgg	cggcgtaa		468

<210> 1711

<211> 351

<212> DNA

<213> Enterobacter cloacae

<400> 1711

gaatggatac	tgtcccgaac	gccagggcag	aaatcgccctg	cgcaccgccc	actttataga	60
tcgcctgcac	gccgcacagc	ttcgccgcgt	acaggatctc	atcggaatt	ggtggaggag	120
agcagagcac	caccttctga	caaccggcaa	tacgtgccgg	ggtggccagc	atcaggacgg	180
tcgaaaacag	cggagcagag	ccgccgggaa	tatagaggcc	gacggacgcc	accggtcgcg	240
tcacctgctg	gcagcgacag	ccgggagagg	tttccacatc	caccgcctgc	aatttctgcg	300
cgggtgtgaa	ggtatcaata	tttttcaccg	cgacggccat	cgctgtttg	a	351

<210> 1712

<211> 1143

<212> DNA

<213> Enterobacter cloacae

<400> 1712

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aaaattctag	ttactggcgg	tgccggtttt	atcggttccg	cggttatccg	acatattatt	120
agcaatactc	gggatagcgt	tgtaaacgtt	gataaattga	cctatgcccg	taatctggaa	180
tccttgctg	aagtaagcga	tagcgagcgc	tatgtttttg	agcatgccga	tatatgtgat	240
aaagaggcaa	tggcgcgtat	ttttgctacc	catcagcctg	atgcggtaat	gcactctggc	300
gccgagagcc	atggttagtc	ttctattacc	ggtcccgcgt	cgtttattga	aaccaatatt	360
tttggcacgt	atattctgtt	agaaacaagt	cgtgcttact	ggtcttctact	ggacgaggca	420
gcaaaatccg	ccttccgttt	ccatcacatt	tcaactgatg	aggtttacgg	cgatctgcct	480

catcccgatg	aacattcaga	ttccaccccc	ttaccgctgt	ttaccgagaa	aacagcgtag	540
cagccaagca	gcccttactc	agcgtcaaaa	gcgtccagcg	accatttagt	tcgagccctgg	600
atacgcacct	atgggtttacc	tgggattgtg	acaaattgtt	cgaataatta	tggcccatac	660
cactttcctg	aaaagctgat	ccctcttggt	atccttaatg	cgctggataa	taaaccattg	720
ccgatctacg	gtaagggcga	tcaaatccgt	gactggttat	acgttgaaga	tcatgctcgt	780
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aacgagaaga	aaaatattga	agtcgttcag	accatttgtg	atctgctcga	tgacatggta	900
ccgaaagaaa	catcctatcg	cgcacaaatt	acttatgtag	cggatcgtcc	tggacacgac	960
agacgttatg	caattgatgc	tcataaaatt	agcgacgagc	tcggatggac	tcctgtggaa	1020
acctttgaaa	gcggcatccg	taaaacgggt	aaatgggtatt	tgaataacca	ggagtgggta	1080
tcgaatgtga	aaagcggcgc	ctataagagc	tggattgagc	agaattatgg	ggagcgtaa	1140
taa						1143

<210> 1713

<211> 882

<212> DNA

<213> Enterobacter cloacae

<400> 1713

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actatggccg	taagtaagca	attgttgcca	atttacgata	agccaatgat	ctattaccgc	120
ctctctacgc	ttatgctggc	aggtatagcg	gatattctga	ttatcagtag	gcctcaggac	180
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agcgatccgg	aacgctatgg	cgtcgttgag	tttgataaaag	acgggtactgc	aattgggtctt	480
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cgagggtttta	ttgatgccga	acaacttcgg	gtactcgctg	aaccattgaa	aaagaccggg	840
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<210> 1714

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 1714

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gcgatgtcat	tagccgcgaa	aggctggcag	gtgacagggg	gtaagaccac	ccgagatggg	120
gttgaagcgg	cacgcatgtg	cggcattgat	ggtgtcgagc	tgcgtctcga	acccgagctt	180
atctgcgata	ccgacgagct	ggatgaactg	atgaatgtgg	acgcgctggg	cattacctta	240
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gacagcggcc	tggcgcacca	tatcccgcgc	atcattttca	ccagctccac	ctccgtctat	360
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cgggtgctga	aagagctgga	agactggctg	cacaatctgc	ctggcacgca	ggtggatatc	480
ttacgtctgg	ccgggctggg	ggggccgggg	cgtcatccgg	ggcgcttctt	tgcgggtaaa	540
tccgcgccgg	atggccagca	cggggttaat	cttgtgcacc	ttgaggatgt	tatcggtgca	600
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catgaactgg	gatttgaata	tcagtatccc	gatccgctgg	taatgcccac	ggaatatttt	840
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<210> 1715

<211> 1449

<212> DNA

<213> Enterobacter cloacae

<400> 1715

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<210> 1716

<211> 1143

<212> DNA

<213> Enterobacter cloacae

<400> 1716

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caattagctc	agtatattca	gcagggtgat	gagcagacgg	ctaaagaact	gacgcttgac	660
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<210> 1717

<211> 984

<212> DNA

<213> Enterobacter cloacae

<400> 1717

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aaatcaggcc	gtttaagcga	cgattcacgc	gaactgctgg	cccgtgcg	gattaaaatc	180
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<210> 1718

<211> 1089

<212> DNA

<213> Enterobacter cloacae

<400> 1718

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cccgatgtga	tcccgggtgct	gctgaagctt	cagaaagcag	gctataagct	ggatgatgatc	180
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gtgctgtaa						1089

<210> 1719

<211> 933

<212> DNA

<213> Enterobacter cloacae

<400> 1719

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<210> 1720

<211> 1140

<212> DNA

<213> Enterobacter cloacae

<400> 1720

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<210> 1721

<211> 816

<212> DNA

<213> Enterobacter cloacae

<400> 1721

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<210> 1722

<211> 330

<212> DNA

<213> Enterobacter cloacae

<400> 1722

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catgaaccag	gaggcactga	caaaaacgct	cgacagcggc	aaggtaacgt	ttttctcgcg	120

caccaaacag	cgctgtgga	cgaaagggga	aacctcgggt	cacttcctga	atgtggtcag	180
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<210> 1723

<211> 1017

<212> DNA

<213> Enterobacter cloacae

<400> 1723

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<210> 1724

<211> 1326

<212> DNA

<213> Enterobacter cloacae

<400> 1724

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cgacaccgtg	cggagatcct	cgataacgtc	aaagcccgcg	gagacgagc	gctgcgcgag	180
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<210> 1725

<211> 621

<212> DNA

<213> *Enterobacter cloacae*

<400> 1725

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<210> 1726

<211> 654

<212> DNA

<213> *Enterobacter cloacae*

<400> 1726

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gtttcaggcg	aagtgtgat	gctgggatac	atgaaccagg	aggcactgac	aaaaacgctc	180
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<210> 1727

<211> 531

<212> DNA

<213> *Enterobacter cloacae*

<400> 1727

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caccagcgaa	acaagattgt	aactgaagcc	cgtaaagctc	tgatttcaat	caaactcttt	480
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<210> 1728

<211> 2559

<212> DNA

<213> *Enterobacter cloacae*

<400> 1728

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<210> 1729

<211> 735

<212> DNA

<213> Enterobacter cloacae

<400> 1729

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<210> 1730

<211> 741

<212> DNA

<213> *Enterobacter cloacae*

<400> 1730

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<210> 1731

<211> 642

<212> DNA

<213> *Enterobacter cloacae*

<400> 1731

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gatatcgcca	tgattagtgt	ggaaagtaac	catttttgca	tcctgttccg	ttattgtggt	600
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<210> 1732

<211> 864

<212> DNA

<213> *Enterobacter cloacae*

<400> 1732

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<210> 1733

<211> 1167

<212> DNA

<213> Enterobacter cloacae

<400> 1733

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<210> 1734

<211> 1581

<212> DNA

<213> Enterobacter cloacae

<400> 1734

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<210> 1735

<211> 1554

<212> DNA

<213> Enterobacter cloacae

<400> 1735

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<210> 1736

<211> 564

<212> DNA

<213> Enterobacter cloacae

<400> 1736

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<210> 1737

<211> 645

<212> DNA

<213> Enterobacter cloacae

<400> 1737

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ggagttttaa	gacgcagtgc	ttcccgaat	aatccggcgc	gtgtcgccat	cgtgatgggg	180
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ccgcaccacg	tcgaagtgg	ttccgcgcac	cgtacgcggg	ataaaactgt	cagcttcgcc	300
gaaagcgcgg	aagagaacgg	ttacgaggtg	atcattgccg	gtgcggggcg	cgcagcacat	360
ctgccgggca	tgattgccgc	caaaacgctg	gtgccggtac	tggtgtttcc	tgtgcaaagc	420
gccgcgttaa	gcgggggtga	tagcctttac	tctatcgctc	agatgccgcg	cggtatctct	480

gtcgggtacgc	tggcgattgg	taaagcgggt	gcggtcaaag	ccgcccctgct	ggccgcgcag	540
atcctggcga	cgcatgataa	agagttacat	cagcgtcttg	cggagtggcg	taaagcccag	600
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<210> 1738

<211> 297

<212> DNA

<213> Enterobacter cloacae

<400> 1738

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ttgtcccccg	ttttacgggc	gagattgccc	gttggtctcat	cggcaaacag	cacttccggg	180
cgcccgttaa	acgccctggc	cagcgccacg	cgctgctgct	caccgcccga	aagctgtgcc	240
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<210> 1739

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 1739

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cggattgtca	tgacctctc	ggtgatgggc	ctgatctcca	cgcggggccg	cggggcttac	480
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gttaaccaga	cgcaggcgga	caaaccggtc	gaaaatccc	gcacgcgggc	gcgttttacg	660
cttggggccg	aagccgtcgt	tgccaaagt	cgccacgcgt	ttgagagcga	taccctaaa	720
atgcgctatc	cggtcacgct	ggtgacccat	gccgtcggct	ggttgaaacg	cctgctgccg	780
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<210> 1740

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 1740

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ttctcgttac	ggcatgcaaa	acaggaggtt	tttatgctca	tcgtgggtcc	ggtcattatt	180
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ccgttcattg	acagaattgg	gcgcaagatc	aacatgatgg	agcagggtgct	ggatatccct	360
tttcaggaag	tcattctcaa	ggataacgcc	aacgtcacca	tcgatgcggg	gtgctttatt	420
caggtgattg	atgcgccaaa	agcggcctat	gaggtgagca	acctggagct	ggcgatcgtc	480
aacctgacca	tgaccaatgt	tcacaataag	tatgcaagcc	tgaaataactg	a	531

<210> 1741

<211> 342

<212> DNA

<213> Enterobacter cloacae

<400> 1741

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ggtagcaaca	ctgattcaga	ataccttgca	ggcgtgcgag	gagtatcacg	acgtagagga	120

cgcgtaatca	tggcaacttt	ttcttttaggt	aaacacccgc	acgttgagct	gtgcatctg	180
ctgaagctgg	aaggctggag	cgaaagcggc	gcgcaggcga	aaatcgatcat	cgccgacggg	240
caggtaacag	tagacggcgc	ggtggaaacc	cgcaagcgct	gcaaaattgt	cgcgggtcag	300
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<210> 1742

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 1742

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cgcagccaac	actgcctgca	actgacgccg	gtcctggaaa	gccttgccgc	gcagtacaac	180
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gaagagctga	aagcgcagga	agccatggcg	ctgatgcagg	aaggcaagta	cgacgaggcg	420
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gcgcggaaga	tgttccagga	gatcctggcc	gcgctgggta	ccggtgacgc	gctggcgctc	840
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<210> 1743

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 1743

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gtcgtggacg	tgggtattaa	ccgcctggaa	aacggcaaa	tgggtggcga	cgtggtgtat	120
gaagatgccg	cagcgcgcgc	atcctatatt	actccggtcc	cgggcggcgt	tggcccgatg	180
acggtagcaa	cactgattca	gaataccttg	caggcgtgcg	aggagtatca	cgacgtagag	240
gacgcgtaa						249

<210> 1744

<211> 1173

<212> DNA

<213> Enterobacter cloacae

<400> 1744

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gattggcaaa	taataagatg	cctgaaggag	gcgtctcctg	tacgctgggg	gtcgcctctt	120
atctggctga	taatcggtaa	atttcaggga	gcggttttga	agaaagtcag	cattattgat	180
gtcgcgaaag	atgcgggcgt	gtcggtttct	accgttttcgc	tgggtgctgcg	ccagaaaagg	240
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gcagggctga	tgatccgcag	gctgaaagag	ccggacctgc	aaacgcagcg	cataaccctc	1140
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<210> 1745

<211> 558

<212> DNA

<213> Enterobacter cloacae

<400> 1745

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gcgcctgaaa	cagttaaaaa	cttcctggac	tactgccgcg	aagggtttcta	caacaacact	180
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gtgaccgtca	gcgagtaa					558

<210> 1746

<211> 726

<212> DNA

<213> Enterobacter cloacae

<400> 1746

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ttttaa						726

<210> 1747

<211> 1089

<212> DNA

<213> Enterobacter cloacae

<400> 1747

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<210> 1748

<211> 1155

<212> DNA

<213> Enterobacter cloacae

<400> 1748

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<210> 1749

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 1749

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atgcaggatg	atggcattca	ccccaatcgc	gatgccagc	cgtttattgc	cgactggatg	840
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<210> 1750

<211> 630

<212> DNA

<213> Enterobacter cloacae

<400> 1750

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ggaaaaccag	caccgcttcc	gggggtaatg	atgtttttta	gtcaggaaga	ttttgccacg	180
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<210> 1751

<211> 1422

<212> DNA

<213> Enterobacter cloacae

<400> 1751

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ccggttgtag	acgcacttga	agcccgtttt	aaggcgctga	acgtgcccgt	gaccttcgtc	660
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<210> 1752

<211> 1497

<212> DNA

<213> Enterobacter cloacae

<400> 1752

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<210> 1753

<211> 1296

<212> DNA

<213> Enterobacter cloacae

<400> 1753

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<210> 1754

<211> 1035

<212> DNA

<213> Enterobacter cloacae

<400> 1754

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gcgattgttc	gccagctgga	acagcgcggt	gacgtggagg	tgattgttcg	caccgcgcac	180
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cgcttcggg	ggtaa					1035

<210> 1755

<211> 936

<212> DNA

<213> Enterobacter cloacae

<400> 1755

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<210> 1756

<211> 1134

<212> DNA

<213> Enterobacter cloacae

<400> 1756

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<210> 1757

<211> 1275

<212> DNA

<213> Enterobacter cloacae

<400> 1757

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<210> 1758

<211> 1440

<212> DNA

<213> Enterobacter cloacae

<400> 1758

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<210> 1759

<211> 1467

<212> DNA

<213> Enterobacter cloacae

<400> 1759

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<210> 1760

<211> 1392

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (197)

<400> 1760

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<210> 1761
 <211> 1398
 <212> DNA
 <213> Enterobacter cloacae

<400> 1761
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<210> 1762
 <211> 1011
 <212> DNA
 <213> Enterobacter cloacae

<400> 1762
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 cacagctctg gatttaaagc gccttatacc ttatctcaag gtctggaccg tacgctgaag 960
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<210> 1763
 <211> 438
 <212> DNA
 <213> Enterobacter cloacae

<400> 1763
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 ccgaccgcct ctacttcgag ccggttaccg tggaagacgt gctggaaatc gtgcgcatcg 420
 agaagccaaa aggcgtga 438

<210> 1764
 <211> 696
 <212> DNA
 <213> Enterobacter cloacae

<400> 1764
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 cgcttacttg agtggcagga gacgcacaat ggatag 696

<210> 1765
 <211> 288
 <212> DNA
 <213> Enterobacter cloacae

<400> 1765
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 tcgtccaatc aggcgtaaa aaccaccgat ggcaaaacga ttgttactga cgggaaaccg 180
 caggtggatg acgataccgg tctggtatcg ccgaaaccgg tcaaaactgaa 240
 cagattaacc gcgaccaggg taaatcaatg ggtgagctgg ataactaa 288

<210> 1766
 <211> 1977
 <212> DNA
 <213> Enterobacter cloacae

<400> 1766
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<210> 1767

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 1767

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ctgtatctga	cgcacattga	tgcggaagt	gaaggggata	cccatctccc	ggattacgat	420
ccggacgagt	gggagtctgt	attcagtgag	tttcacgatg	cggatgagca	aaactcgcac	480
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<210> 1768

<211> 834

<212> DNA

<213> Enterobacter cloacae

<400> 1768

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ccagcgttca	gcttccaggg	ccacccggaa	gcgagcccgg	gcccacacga	tgccgcacccg	780
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<210> 1769

<211> 3243

<212> DNA

<213> Enterobacter cloacae

<400> 1769

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a	aagccctgc	gtgaagaggg	ttaccgcgtc	attctggtga	actctaacc	gg	ccaccatc	180
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c	gcaaaaatta	tcgagaaaga	gcgtccggac	gcggtgctgc	cgaccatggg	cgg	ccagacg	300
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a	tgatcgggtg	cgaccgccga	cgcgattgat	aaagcagaag	accgtcgccg	ctt	cgacgtg	420
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<210> 1770

<211> 1299

<212> DNA

<213> *Enterobacter cloacae*

<400> 1770

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<210> 1771

<211> 501

<212> DNA

<213> *Enterobacter cloacae*

<400> 1771

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atggcagcaa	tatcctggaa	caacagtacg	gagaagggtg	tgcgcccac	ttgcgacacc	180
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atgccgatca	actccgcgac	tttccactcc	atcccagca	gaatgcagaa	cccgcaccaac	300
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cacagccgct	gcggatccaa	ctccaggcca	atcacgaaca	gcataagcac	cacgcccgatc	420
tcgcaaaat	gcaggatcga	ctcggcatcc	gtcaccagcc	gaaaaccca	ggggccaatt	480
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<210> 1772

<211> 1437

<212> DNA

<213> *Enterobacter cloacae*

<220>

<221> unsure

<222> (29)

<400> 1772

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<210> 1773

<211> 828

<212> DNA

<213> Enterobacter cloacae

<400> 1773

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caggccatgg	tcgaaatcgg	cccgggactt	gccgcgtga	ccgagccggt	aggcgaacgc	180
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gaactgtcag	aaaaaatggg	acagccgctg	cgcggtgttc	gtaacctgcc	gtacaacatc	360
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aaccagcgcc	gtaaaacgat	tcgtaacagc	cttggcaatc	tgtttaccgt	tgacgtatta	720
gctgagttgg	gcacgcaccc	ggcaatgcgt	gcggaaaata	tttccgtaga	gcagtactgc	780
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<210> 1774

<211> 381

<212> DNA

<213> Enterobacter cloacae

<400> 1774

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cggatgcctg	tgcaactgct	cgggcgctac	tggcttatca	ccaacggcaa	tggccgtgaa	180
attgaagtcc	agggcggaag	tgtggtgggt	gaacaacccc	atatacggcc	tggcggaagag	240
tatcagtaca	ccagcggcgc	ggtaattgaa	actccgctgg	gtaccatgca	gggccattac	300
gaaatggtcg	atgccgacgg	taatgctttc	cgcattgcta	ttcccgattt	ccgtctcgcc	360
gtacctacac	ttattcatta	a				381

<210> 1775

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<400> 1775

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ctggtgggtc	agctcgccca	gtgcagctgg	ccggtagagt	tgggtgtctg	tgcagatgca	180
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gaaggccaac	agccccgcacc	gcagcagtc	ggtactctca	ccctgctttc	tggtccgctt	300
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<210> 1776

<211> 969

<212> DNA

<213> Enterobacter cloacae

<400> 1776

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<210> 1777

<211> 471

<212> DNA

<213> Enterobacter cloacae

<400> 1777

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catagcctgc	atggcaatag	ccgtcgagga	gagcgccagc	gtcatgccga	tcaactccgc	180
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cgactcggca	tccgtcacca	gccgaaaacc	ccaggggcca	attacacacc	cggcaatcag	420
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<210> 1778

<211> 3102

<212> DNA

<213> Enterobacter cloacae

<400> 1778

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<210> 1779

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 1779

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<210> 1780

<211> 603

<212> DNA

<213> Enterobacter cloacae

<400> 1780

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tag						603

<210> 1781

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 1781

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gcacgtcat	ggacgattgc	gatggttgta	cccaatcttt	ccgaagctgg	ctgttccgag	300
atgttcgcgg	ggctacagca	ggtgctccag	ccagccggat	atcagatcat	gctggcgga	360
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<210> 1782

<211> 624

<212> DNA

<213> Enterobacter cloacae

<400> 1782

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gccgccatgt	atgaacttac	cgagatgggtg	attcagcgcg	gctaccagaa	tatcggcgctg	180

ctgtgcgcta	accaggaaca	gtggattttt	cagcagcatt	tgcagggctg	gtacaaggcg	240
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aaggtgccg	acgatttagc	ggtcgtaggt	tttggcgaca	gcgacgtcag	ccgcgtctgt	480
cagccgccgc	tgacgacgat	ggcagtaccg	catcgcaaga	ttgggattga	agccgggaaa	540
gcgttactgg	aacgtctgaa	tgacggagac	tggcgcgacc	ataaaccat	cgcgtccagc	600
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<210> 1783

<211> 1239

<212> DNA

<213> Enterobacter cloacae

<400> 1783

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<210> 1784

<211> 2145

<212> DNA

<213> Enterobacter cloacae

<400> 1784

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<210> 1785

<211> 636

<212> DNA

<213> Enterobacter cloacae

<400> 1785

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gccgatgaag	tgctgctgga	ttccgcgcgt	cgtgaagcgg	aagaagagtt	aggtatcgtg	360
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gaagtcagct	ggatgacgcc	ggaagagatc	accgcgcgtt	gcgacgaatt	cactccggat	540
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<210> 1786

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 1786

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atcaacaata	tcacgatgat	taacgaactc	gaagcgcagt	tgccgcgctg	gttcgaaaga	300
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<210> 1787

<211> 1404

<212> DNA

<213> Enterobacter cloacae

<400> 1787

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tcggatgtgg	taaaaggcac	aattaaaacc	attctcggct	ttattgtact	ggcgggcggc	180
gcaaccgtgc	tggtgggctc	attaaatccg	ctcggcggtg	tgtttgagca	cgcctttaat	240
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<210> 1788

<211> 1008

<212> DNA

<213> Enterobacter cloacae

<400> 1788

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<210> 1789

<211> 465

<212> DNA

<213> Enterobacter cloacae

<400> 1789

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<210> 1790

<211> 678

<212> DNA

<213> *Enterobacter cloacae*

<400> 1790

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<210> 1791

<211> 1845

<212> DNA

<213> *Enterobacter cloacae*

<400> 1791

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<210> 1792

<211> 894

<212> DNA

<213> *Enterobacter cloacae*

<400> 1792

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cagtcgcccg	tgagtcagca	aatgcagcgg	ctggaacaac	tggttggtta	agagcttttt	180
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<210> 1793

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 1793

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<210> 1794

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 1794

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<210> 1795

<211> 858

<212> DNA

<213> Enterobacter cloacae

<400> 1795

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<210> 1796

<211> 549

<212> DNA

<213> Enterobacter cloacae

<400> 1796

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<210> 1797

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 1797

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<210> 1798

<211> 1383

<212> DNA

<213> Enterobacter cloacae

<400> 1798

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<210> 1799

<211> 264

<212> DNA

<213> Enterobacter cloacae

<400> 1799

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gttatctcgt	tcaacgccaa	aacctcaacc	gacgagcaga	aaaagcacga	cgattttgtc	180
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<210> 1800

<211> 3363

<212> DNA

<213> Enterobacter cloacae

<400> 1800

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<210> 1801

<211> 4020

<212> DNA

<213> Enterobacter cloacae

<400> 1801

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<210> 1802

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 1802

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ccccacaccg	aagaggaaat	agtcgcgcgc	ggcggggatg	aggccaagct	cccgcgaaa	180
ccaatctggt	ggcagggtaa	tgaatatctc	gcctggccgt	atcagctgga	agggctggag	240
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gactatgccg	gtacgcgcta	tttcgacaaa	aacaacaacc	cggtaagcga	tccgtcactg	660
gatgaatgca	acggcacgct	gacggcctgc	aaacttcgat	tcggtgaaag	caacgaactc	720
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<210> 1803

<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 1803

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gttcagatgc	tttcgcctca	gcctacaggg	ttagccagca	aacaaagcgc	agataaccgt	480
gcacgtatg	cgtttggcgg	gggtgacaaat	accgccgcac	agggttaccc	ggttccgctc	540
ctttacggcc	gccggcgaat	cggcggggca	attatttccg	cggggattta	tgtcgaagat	600
cagcagtag						609

<210> 1804

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 1804

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cgcacgctga	gcgatgttgt	cacctcgggt	accgccgggg	tggatgccag	ctcaggatac	420
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gcaaaaacttg	agggaaagcaa	tacgcgggata	ttcgccaggc	cgcagacaac	ccccggcggc	600
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aattatgatt	ga					672

<210> 1805

<211> 360

<212> DNA

<213> Enterobacter cloacae

<400> 1805

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tcattgatca	cggatgatgg	cgaggcaata	gagggaaccg	ctctggaaga	gggtggaagt	300
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<210> 1806

<211> 1122

<212> DNA

<213> Enterobacter cloacae

<400> 1806

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<210> 1807

<211> 387

<212> DNA

<213> Enterobacter cloacae

<400> 1807

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gcgcagttcg	gagatggtta	cacccagaca	tccggtgacg	gacttaaccc	tcgctcacia	180
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gatcgatcatg	agggaacaaa	agcatttgca	tggaaagccg	cgctagagga	cttgggtctc	300
tatcgatgca	aacagtacaa	gccctcccca	atggggggag	gcaactgggc	tttgactgca	360
acattcatcc	aggcatttaa	accatga				387

<210> 1808

<211> 723

<212> DNA

<213> Enterobacter cloacae

<400> 1808

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tgccggaatc	ttgccgcgac	gccggaggac	aattttgtcc	tttgcccggg	agattacgca	180
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<210> 1809

<211> 1398

<212> DNA

<213> Enterobacter cloacae

<400> 1809

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<210> 1810

<211> 195

<212> DNA

<213> Enterobacter cloacae

<400> 1810

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gaagaccgtg	aaagagcatc	agaagcaggt	cgtaaagggt	gccagtctag	cgggggcaac	120
tttaaaaacg	accctcagcg	cgcacacag	gctggtaaaa	aagggggtaa	aaatagccac	180
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<210> 1811

<211> 666

<212> DNA

<213> Enterobacter cloacae

<400> 1811

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tcgcagtttg	gtattcacgg	tacgcgcctt	gagcaggtag	cggagcaggc	cggggtgtcc	180
aagaccaatc	tgctctacta	ctaccgcgtc	aaagaggcgc	tgtatgtggc	ggtgatgcag	240
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<210> 1812

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 1812

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tggtcagcca	cgatcctctg	taagcacagt	acgcgcaggg	cggaacagcg	ttggcccgcg	180
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<210> 1813

<211> 534

<212> DNA

<213> *Enterobacter cloacae*

<400> 1813

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<210> 1814

<211> 1509

<212> DNA

<213> *Enterobacter cloacae*

<400> 1814

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<210> 1815

<211> 975

<212> DNA

<213> *Enterobacter cloacae*

<400> 1815

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<210> 1816

<211> 1092

<212> DNA

<213> Enterobacter cloacae

<400> 1816

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<210> 1817

<211> 324

<212> DNA

<213> Enterobacter cloacae

<400> 1817

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<210> 1818

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 1818

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gcgcggtttt	gcattccagt	cgggctggtg	aagcccgaag	cgctggttga	aattgccacc	420
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<210> 1819

<211> 1116

<212> DNA

<213> Enterobacter cloacae

<400> 1819

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<210> 1820

<211> 537

<212> DNA

<213> Enterobacter cloacae

<400> 1820

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<210> 1821

<211> 4092

<212> DNA

<213> Enterobacter cloacae

<400> 1821

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<210> 1822

<211> 447

<212> DNA

<213> *Enterobacter cloacae*

<400> 1822

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<210> 1823

<211> 783

<212> DNA

<213> *Enterobacter cloacae*

<400> 1823

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<210> 1824

<211> 858

<212> DNA

<213> *Enterobacter cloacae*

<400> 1824

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<210> 1825

<211> 591

<212> DNA

<213> *Enterobacter cloacae*

<400> 1825

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<210> 1826

<211> 603

<212> DNA

<213> *Enterobacter cloacae*

<400> 1826

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<210> 1827

<211> 246

<212> DNA

<213> *Enterobacter cloacae*

<400> 1827

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gacgaaaagc	tggttgaaca	gattttgggaa	gaaggcaacg	atgaagtgtc	ggttcgcgcc	180
ttcaaaaaaa	ccgacaaaaga	ctcgtctgtc	tggggcgagc	aaaccatcga	acgtaaaaac	240
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<210> 1828

<211> 183

<212> DNA

<213> *Enterobacter cloacae*

<400> 1828

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acgggattgg	tttcgttatc	caggcctacc	agaaacgctg	cccgttcgtc	attgactacc	180
tga						183

<210> 1829

<211> 1179

<212> DNA

<213> *Enterobacter cloacae*

<400> 1829

caccctaata	acaaagtgat	tttcaaaact	ggcactgcct	ttgcaaaaac	accgttacac	60
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aacggctggc	ttatctcgac	cactgcaccg	caatacatgc	cgacctttga	gctgaataaa	180
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<210> 1830

<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 1830

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gcccgtctggc	agacggggga	gacgggctgc	ccgcgtctgg	aggcgggcct	ggcctcatte	360
gactgccgca	tcagccaggt	ggtgagcgtc	ggcaccacag	acattctgtt	ttgcgacatt	420
gtatcgatta	tccgccaccc	ggcgccgcaa	gggctggtgt	ggttcgaccg	cggctatcac	480
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<210> 1831

<211> 1344

<212> DNA

<213> Enterobacter cloacae

<400> 1831

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gcagcgaccg	ggtttaacgg	tcagggtatt	aaccccaacc	tgagcggtgg	cctcggcggc	360
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<210> 1832

<211> 2682

<212> DNA

<213> Enterobacter cloacae

<400> 1832

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cccgttcgct	tccagggggg	ggaagtgggt	accgtgcagg	atatttccct	cggcaaaagg	300
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gcgcttggg	gcggtaacta	tatcggcatt	atgcccgga	aaggcgagcc	acaggatcac	480
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<210> 1833

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 1833

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cgaacgttaa	gtattccctg	caaatccgat	ccggatttgc	gcatgcagct	ggacgcctgg	180
gatgcagata	ccagcgctcc	ggcaatcctt	gatggggaac	attccgttct	gtaccgtgag	240
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<210> 1834

<211> 1104

<212> DNA

<213> Enterobacter cloacae

<400> 1834

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gagcgtaaa	cactggagga	gattgccagc	aaaaaacgcg	ccgaataaccg	tcgccgcttt	1020
gcgttacttg	atgatattgc	ggcttccgta	caggcgcgca	ttgatcccgc	agtcgtctca	1080
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<210> 1835

<211> 273

<212> DNA

<213> Enterobacter cloacae

<400> 1835

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ttcaaagagc	gttacaacat	gcccgtcgta	gctgaagtgg	tagagcgtga	acaacccgca	180
catctgcgcg	actggtttgc	cgaacgtctc	attgcgcac	gcctcgccctc	cgtaaatctc	240
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<210> 1836

<211> 684

<212> DNA

<213> Enterobacter cloacae

<400> 1836

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gccgaagctg	cctggcattg	gtgcgatttg	atcgtctttc	cggagctttc	gcttaccggc	180
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<210> 1837

<211> 678

<212> DNA

<213> Enterobacter cloacae

<400> 1837

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<210> 1838

<211> 1314

<212> DNA

<213> Enterobacter cloacae

<400> 1838

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gcagcttttt	atttcggctc	tgcggtgata	ttgactattc	ttgcagtgga	atggctggac	1260
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<210> 1839

<211> 1464

<212> DNA

<213> Enterobacter cloacae

<400> 1839

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cagcgccctt	tgcgcccggag	tattcgcgctc	aatacgctga	aaaccagcgt	cggggcgttt	180
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<210> 1840

<211> 1275

<212> DNA

<213> Enterobacter cloacae

<400> 1840

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cgccctgccg	cgacgcgcgt	catgctgttg	ggatcgggtg	aactgggtaa	agaagtggcc	180
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gagatgctgg	ttgcccttga	gcaggaaggc	cagcgcgtag	tgccttgccg	cactgcggca	420
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caggtcagac	tgttcggtaa	accggagatc	gacggaagcc	gtcgtctggg	cgtggcatta	1200
gcaaccgggg	aaaacgtgga	cgaagccgtc	gcgagagcga	aaatagcggc	cactgcggta	1260
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<210> 1841

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 1841

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------------	------------	------------	------------	------------	------------	----

ggtagctgga	ggtcgggagc	tgtaatctt	ctgccgccag	gcgacgaatg	ccttccccggt	120
tcatggtcag	ttttgccgca	gtggcgcaag	gcactacgcg	ctggccttcc	tgctcaaggg	180
caaccagcat	ctcagtgga	atggcctcaa	tttcaggcac	cacgaaatcc	ggtttttcc	240
cggcaattaa	cgcccgcagg	gcattgccgt	caagcatatc	gatga		285

<210> 1842

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 1842

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atgacccggc	gtttccagcg	gcagcagaaa	ctcgcggcct	taatcagcct	gatggcggct	180
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gtgctggccg	ctgtgacggc	gggcgctgca	tggcttaccc	cgcaaaaagg	ctcacggctg	360
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attgcgctgg	cgaatcggtg	ttttcttggt	ccacgctttc	gcccggaggc	cgggcgggaa	780
caacagattt	ttatcaggat	gacacaggca	gaggtggtgc	tgggcgcgct	ggtactggcg	840
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<210> 1843

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 1843

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<210> 1844

<211> 2103

<212> DNA

<213> Enterobacter cloacae

<400> 1844

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tcccggccag	aggtgctcga	ctatctgcac	gaggaaaacg	actatggccg	ccaggctcatg	180
gccagccagc	aggcgcttca	ggatcagctc	ctgaacgaaa	tggatgcagcg	tatcccccag	240
cgtgatgtct	ctgccccgtg	gtgcaaaaac	ggttatcgct	atcgccatat	ttatgagccg	300
ggaaacgaat	atcccatcta	ccagcgccag	tctgtgctga	gcgcccagtg	ggacgaatgg	360
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cagtacgggt	tgcgtttccg	caatcttgaa	acgggaaact	ggtatcccga	aatgctggat	540

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taa						2103

<210> 1845

<211> 342

<212> DNA

<213> Enterobacter cloacae

<400> 1845

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cgtgaagagg	tcatgctcac	ctgccgtccc	ggtaacgcgc	tgtatgtcat	taatcccagt	180
acgctcgtgc	agtatccggt	aaatgacgta	gcggagcagc	aggtggccag	cgggaaaagt	240
aacggacagc	ctgtcagcgt	gatccagggtg	gatgaccggtg	caaaccccggtg	gcagaagaaa	300
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<210> 1846

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 1846

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tctgacgtga	actgggcggg	cttttatctg	ctggaaggcg	acacgctggt	actggggcct	180
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tgcgatgcc	gcagcaattc	tgaatcgta	ctgccgctgg	tggttaaaaa	tcagattatt	360
ggcgttctgg	atatcgacag	cacggtcttc	agtcgcttta	ctgccgagga	tgagcagggg	420
ctgcgcgcgc	tggccgcaaa	cctggaaaat	gttctggcag	acaccgatta	tcataaatc	480
tttgcgagcg	tcgcaggata	a				501

<210> 1847

<211> 516

<212> DNA

<213> Enterobacter cloacae

<400> 1847
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 ggtatctttc aggatTTTgt cgcgcgcggtt gagggggaga tgaacctcag caaaacgcag 180
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 gaacatgcgc gtaagcagct tgaagaagcc aaagctcgcg tgcaggcaca gcgtgcgga 360
 cagcaggcga aaaaacgcga agccgcagcg gcaaacggtc aggaagacgc ccctcgTcg 420
 gagcgtaaac cgcgcccggt accgcgtcgt actgaaaata acgatcgcaa accgcgtgct 480
 gtcttcaccc acgggcctgg aaggaccgcg attgcg 516

<210> 1848

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 1848
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 ttgctctctt cagcaaccgc gacctcagct ctggcccattg cgcattctta gcagcaatcc 120
 ccgcaggaaa ataccgtTgc ggtggcacca gaggtcatta ccctgaactt ctcggaaggc 180
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 ttgacgaccg gcacctacac ggtggactgg catgtggtct ccgtggacgg ccacaaaacc 360
 aaaggcagct atcactttag cgtgaaatag 390

<210> 1849

<211> 777

<212> DNA

<213> Enterobacter cloacae

<400> 1849
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 gcggattatc cctccgccga atatggctgg cataagccgg tggatgccca gcgcgtgctg 600
 tgggatcgcg accggttaat gggctttatg gtgggcaaag ggcagggcag tagcggcgcg 660
 gatcacttct ggtttggaca tacgcctgtg gacaaaacgt acgattttta caatctgcac 720
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<210> 1850

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 1850
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 acggtcagat tactgtTcgt caaacctcgc tatattaaac ccgccggaac actgagtcgc 180
 gctccgaacg tcaaggcaaa ccgaaaacat gactaa 216

<210> 1851

<211> 1587

<212> DNA

<213> Enterobacter cloacae

<400> 1851

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gaagatgcc	tcagtctggt	aaaccagacg	atagcggcgc	aggggaagga	ttcccgcgtg	180
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<210> 1852

<211> 1713

<212> DNA

<213> Enterobacter cloacae

<400> 1852

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<210> 1853

<211> 1014

<212> DNA

<213> Enterobacter cloacae

<400> 1853

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<210> 1854

<211> 2643

<212> DNA

<213> Enterobacter cloacae

<400> 1854

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<210> 1855

<211> 3507

<212> DNA

<213> Enterobacter cloacae

<400> 1855

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<210> 1856

<211> 2100

<212> DNA

<213> Enterobacter cloacae

<400> 1856

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<210> 1857

<211> 567

<212> DNA

<213> Enterobacter cloacae

<400> 1857

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<210> 1858

<211> 1176

<212> DNA

<213> Enterobacter cloacae

<400> 1858

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<210> 1859

<211> 783

<212> DNA

<213> Enterobacter cloacae

<400> 1859

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<210> 1860

<211> 2541

<212> DNA

<213> Enterobacter cloacae

<400> 1860

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<210> 1861

<211> 1113
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1862
 <211> 249
 <212> DNA
 <213> Enterobacter cloacae

<400> 1862
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 gatttttttg cactcacgca ggctttttct ttgcctgaaa tagattacac cgatatttcc 180
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 caacaataa 249

<210> 1863
 <211> 348
 <212> DNA
 <213> Enterobacter cloacae

<400> 1863
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<210> 1864
 <211> 1020
 <212> DNA
 <213> Enterobacter cloacae

<400> 1864
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<210> 1865

<211> 807

<212> DNA

<213> Enterobacter cloacae

<400> 1865

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<210> 1866

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 1866

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<210> 1867

<211> 838

<212> DNA

<213> Enterobacter cloacae

<400> 1867

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<210> 1868

<211> 1077

<212> DNA

<213> Enterobacter cloacae

<400> 1868

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<210> 1869

<211> 765

<212> DNA

<213> Enterobacter cloacae

<400> 1869

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<210> 1870

<211> 927

<212> DNA

<213> Enterobacter cloacae

<400> 1870

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<210> 1871

<211> 1032

<212> DNA

<213> Enterobacter cloacae

<400> 1871

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<210> 1872

<211> 858

<212> DNA

<213> Enterobacter cloacae

<400> 1872

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<210> 1873

<211> 1125

<212> DNA

<213> Enterobacter cloacae

<400> 1873

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<210> 1874

<211> 1059

<212> DNA

<213> Enterobacter cloacae

<400> 1874

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<210> 1875

<211> 1638

<212> DNA

<213> Enterobacter cloacae

<400> 1875

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<210> 1876

<211> 2310

<212> DNA

<213> Enterobacter cloacae

<400> 1876

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<210> 1877

<211> 1407

<212> DNA

<213> Enterobacter cloacae

<400> 1877

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<210> 1878

<211> 1626

<212> DNA

<213> Enterobacter cloacae

<400> 1878

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<210> 1879

<211> 1098

<212> DNA

<213> Enterobacter cloacae

<400> 1879

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<210> 1880

<211> 1140

<212> DNA

<213> Enterobacter cloacae

<400> 1880

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<210> 1881

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 1881

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<210> 1882

<211> 957

<212> DNA

<213> Enterobacter cloacae

<400> 1882

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gtactgttac	agccgtttct	ggcccgtat	ccggaggtca	gcctgaccat	cgtgccgcag	420
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<210> 1883

<211> 336

<212> DNA

<213> Enterobacter cloacae

<400> 1883

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gaaggcgcga	ttggcccgat	gcataaccac	ccgcatgagc	aactcaccta	cgttctctcg	180
ggggaatttg	agttcaccat	tggcgaggag	aagcatgtgg	tgaccgcggg	cgacaccctc	240
tataaagcgc	cgcacgtgat	gcacggctgc	gtttgcctga	aaccgcgcac	cctgctggat	300
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<210> 1884

<211> 1350

<212> DNA

<213> Enterobacter cloacae

<400> 1884

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ccatcgatgg	cgcagaatgt	ggatttacgg	atgtcctggt	ggggcgggcaa	cggccgtcac	180
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<210> 1885

<211> 1119

<212> DNA

<213> Enterobacter cloacae

<400> 1885

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<210> 1886

<211> 897

<212> DNA

<213> Enterobacter cloacae

<400> 1886

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<210> 1887

<211> 1425

<212> DNA

<213> Enterobacter cloacae

<400> 1887

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<210> 1888

<211> 1494

<212> DNA

<213> Enterobacter cloacae

<400> 1888

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<210> 1889

<211> 795

<212> DNA

<213> Enterobacter cloacae

<400> 1889

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tcagacgaag	acgcacccga	tttcgacggc	tatctcttcg	aatcggtccc	tcttttccag	780
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<210> 1890

<211> 2322

<212> DNA

<213> Enterobacter cloacae

<400> 1890

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<210> 1891

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (468)

<400> 1891

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<210> 1892

<211> 1185

<212> DNA

<213> Enterobacter cloacae

<400> 1892

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<210> 1893

<211> 1365

<212> DNA

<213> Enterobacter cloacae

<400> 1893

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<210> 1894

<211> 930

<212> DNA

<213> Enterobacter cloacae

<400> 1894

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<210> 1895

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 1895

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<210> 1896

<211> 363

<212> DNA

<213> Enterobacter cloacae

<400> 1896

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<210> 1897

<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 1897

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<210> 1898

<211> 591

<212> DNA

<213> Enterobacter cloacae

<400> 1898

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<210> 1899

<211> 1209

<212> DNA

<213> Enterobacter cloacae

<400> 1899

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<210> 1900

<211> 1074

<212> DNA

<213> Enterobacter cloacae

<400> 1900

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<210> 1901

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 1901

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<210> 1902

<211> 642

<212> DNA

<213> Enterobacter cloacae

<400> 1902

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<210> 1903

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 1903

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<210> 1904

<211> 819

<212> DNA

<213> Enterobacter cloacae

<400> 1904

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<210> 1905

<211> 1491

<212> DNA

<213> Enterobacter cloacae

<400> 1905

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<210> 1906

<211> 549

<212> DNA

<213> Enterobacter cloacae

<400> 1906

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gagaatattg	gggtgcgggc	gatcatggtt	catgcactca	ctgaggaagc	caaagcggtt	480
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<210> 1907

<211> 2484

<212> DNA

<213> Enterobacter cloacae

<400> 1907

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<210> 1908

<211> 2091

<212> DNA

<213> Enterobacter cloacae

<400> 1908

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<210> 1909

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 1909

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<210> 1910

<211> 294

<212> DNA

<213> Enterobacter cloacae

<400> 1910

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<210> 1911

<211> 1788

<212> DNA

<213> Enterobacter cloacae

<400> 1911

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<210> 1912

<211> 663

<212> DNA

<213> Enterobacter cloacae

<400> 1912

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accggtacct	ctaaaggtaa	aggttttgct	ggtaccgtta	agcgttgga	cttccgtacc	420
caggacgcta	ctcacggtaa	ctccttgctc	caccgcgttc	cgggttctat	cggtcagaac	480
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<210> 1913

<211> 368

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (301)

<400> 1913

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aacccgatct	ggcggttcagg	tggcggtgac	ttcgctgcgc	gtccacagga	aacacagtca	300
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<210> 1914

<211> 921

<212> DNA

<213> Enterobacter cloacae

<400> 1914

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<210> 1915

<211> 1374

<212> DNA

<213> Enterobacter cloacae

<400> 1915

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<210> 1916

<211> 615

<212> DNA

<213> Enterobacter cloacae

<400> 1916

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<210> 1917

<211> 2031

<212> DNA

<213> Enterobacter cloacae

<400> 1917

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aagagctttg	acgaggacgt	ggactactac	gtaccagtc	gtgaagttga	aaagctggaa	1980
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<210> 1918

<211> 423

<212> DNA

<213> Enterobacter cloacae

<400> 1918

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taa						423

<210> 1919

<211> 921

<212> DNA

<213> Enterobacter cloacae

<400> 1919

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<210> 1920

<211> 1005

<212> DNA

<213> Enterobacter cloacae

<400> 1920

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<210> 1921

<211> 618

<212> DNA

<213> Enterobacter cloacae

<400> 1921

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<210> 1922

<211> 609

<212> DNA

<213> Enterobacter cloacae

<400> 1922

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<210> 1923

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 1923

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tttgaacgcg	gtgtgcagct	tgcgcgccag	gggcaggtaa	agcttcagca	ggccgagcag	180
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<210> 1924

<211> 900

<212> DNA

<213> Enterobacter cloacae

<400> 1924

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cgtaaagccc	gggatctgat	agacgatgcc	cgccagtcgc	tgaatgagct	ggcgcgcaa	840
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<210> 1925

<211> 1887

<212> DNA

<213> Enterobacter cloacae

<400> 1925

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gacgagctgc	gtcgctacct	gctcgacagc	gttagccgct	ccagcggcca	cttcgcctcc	180
ggacttgga	cggttgagct	gaccgtggcg	ttgcattacg	tctataacac	gccgttcgat	240
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gataaaattg	gcaccattcg	ccagaaaagg	ggcctgcacc	cgttcccgtg	gcgcggcgag	360
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ccgcaaggca	cccaggatga	ggcgcgcgcc	gacattgggtc	tggacgcgc	cggtatcgaa	1860
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<210> 1926

<211> 1209

<212> DNA

<213> Enterobacter cloacae

<400> 1926

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tacatggcgc	gagccatgaa	gctggcgag	cgcggtcggt	ttaccactca	ccctaacc	180
aatgtcgggt	gcgtcattgt	taaagatggt	gagatcgtgg	gggaagggtt	tactatcgc	240
gcaggcgagc	cgcattgctga	agtgcagtc	ttgcgcattg	cgggggagaa	agcgcgtggc	300
gcgacggcct	atgtgacgct	ggagccatgc	agccaccatg	ggcgtagcgc	gccgtgctgt	360
gaagcgctga	ttgcggcggg	cgtctcgcg	gttgcgcgc	ccatgcagga	tcctaacc	420
caggtagcgg	gccgcggact	gtatcgtctg	caacaggaag	gaatcgacgt	cagccacggc	480
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ttcccgttta	tccagcttaa	gcttggcgcg	tactggatg	gccgcacggc	gatggcgaa	600
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caaagccatg	ctattctcac	cagcagtga	acggtactgg	ctgacgatcc	ggccatgacc	720
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ttaggtaacg	acgcgcgcgg	cctgtttgtg	ctgcccgcc	ttgaaaaact	ggccgatgcg	1140
ccgcaactct	cattcagtga	gattcgtccg	gtaggcccg	atgtctgect	ccatttaacg	1200
acagcgtaa						1209

<210> 1927

<211> 480

<212> DNA

<213> Enterobacter cloacae

<400> 1927

aggaagagta	tgaacattat	tgaagctgct	gtagctaccc	cggacgctcg	cgctcgccatc	60
accattgcgc	gtttcaacaa	cttcatcaat	gatagcctgc	tggaaaggtgc	ggttgacgcc	120
ctgaaacgta	tcggccagg	taaagatgac	aacattaccg	tcgtttgggt	accagggtgt	180
tacgaactgc	cacttgcagc	gggcgcgctg	gcgaaaaccg	gtaaatagca	cgcggtgatt	240
gcgctgggta	ctgttattcg	tggcggcact	gcgcacttgc	aatacgttgc	gggcggtgca	300
agcaatggtc	tggcgcacgt	tgcgcaggat	gctgaaattc	ctgtcgcgtt	cggcgtgctg	360
accaccgaaa	gtattgaaca	agccatcgaa	cgtgctggca	ccaaagccgg	taacaaaggt	420
gcagaagctg	cactgaccgc	gcttgaaatg	atcaatgtat	tgaagccat	caaggcctga	480

<210> 1928

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 1928

ttttttt	gta	aggggaattc	cgtgaaacct	gctgctcgtc	gccgcgcccg	tgaatgtgcc	60
gtccaggcac	tttactcctg	gcagttgtcc	cagaacgaca	tcgctgatgt	tgaataccag		120
ttcctgtcag	aacaggacgt	gaaagacgtt	gacgttctgt	acttccgtga	actgctgtcg		180
ggagtggcga	ctaatagcgc	gtatctcgat	ggtctgatga	agccatacct	gtcccgtctg		240
ctcgaagagc	tgggccaggt	cgaaaaagca	gtgttgcgta	tcgcgctgtt	tgagctgtct		300
aaacgtgatg	atgtgccgta	caaagtggcc	atcaacgaag	cgatcgaact	ggcgaaaacc		360
ttcggcgctg	aagacagcca	caagtttggt	aacggcgtgc	tggataaagc	cgcacctgcy		420
atccgtcccc	acaaaaagtg	a					441

<210> 1929

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 1929

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gaaaatgctg	tccgtgaggt	tgagtcacgt	ttcgattttc	gtggcggtga	ggcgaccatt	180
gaactgaacg	acgcgaacaa	gacgatcaaa	gtcctgagcg	agtctgattt	ccaggccaac	240
cagttgctgg	atatacctgcg	cgccaagctg	ctcaagcgcg	gcattgaagg	gacctcactc	300
gatgtgcccg	aagattttgt	tcacagcggc	aaaacctggt	ttgtggaagc	gaagctgaag	360
cagggtattg	aaagcgccgt	gcagaagaaa	atcgtgaagc	ttatcaaaga	cagtaagctc	420
aaagtgcagg	cgcagatcca	gggggaagag	atccgcgtaa	ccggaaaatc	ccgtgatgac	480
ctgcaatccg	tgatggcgct	ggtgcgtggc	ggcgatctcg	gtcagccatt	ccagtttaaa	540
aacttccgcy	attaa					555

<210> 1930

<211> 462

<212> DNA

<213> Enterobacter cloacae

<400> 1930

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cgttttacca	ccttcgaggt	ggcagagttg	gtaatgccgc	gcgtggtaaa	aagtaacgat	180
gtgcgcgaac	cgttcaatga	agaaaaactg	cgtagcggga	tgctcaaggc	gctggaaaaa	240
cggcccgtca	gctccgatga	cgtcgaaatg	gcgttaaacc	acattaaatc	ttatctgcyg	300
gggttaggtg	agcgcgaagt	gccgagcaaa	atgatcggca	atctggtgat	ggaacagctg	360
aaaaagctcg	ataaagtgcg	ctatatccgc	tttgccctcg	tttaccgcag	cttcgaagac	420
atcaaagagt	ttggcgaaag	gatcgcccg	ttacaggatt	aa		462

<210> 1931

<211> 975

<212> DNA

<213> Enterobacter cloacae

<400> 1931

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cagacgctgg	caatcagcac	cgacacctta	gtgtgtgggc	gacatttctt	gcccagacatc	180
gatcctgcg	atctggcgta	taaagcactg	cgggttaacg	tcagcgatct	ggcggaatg	240
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cttgaagcct	tcagcgatgc	cctgtttgag	cagctgaatt	attacgatat	gcagctgatt	360
ggcggtgata	ccactgccgg	tccgctgtcg	atgaccctgg	caatccacgg	ctatgtgcct	420

gccggg	cgctgaa	ttcggg	aaaccggg	actggat	cgtgacc	480
cgcg	atagcgc	agggctg	atccttc	accgttta	ggttgaag	540
gctgac	cggcgtac	ggtgaag	catctcc	ccacgcc	tattttgc	600
ggccagg	tgcgcgag	ggccagt	gctatcg	tgtctgac	gctgatct	660
gatctc	atatac	agccagc	gtgggc	ggatcgat	ggatctgt	720
cctctgt	agccgtt	tcgccat	gagcctg	aggcgct	atgggcgt	780
tccggtg	aagattat	gctgtgc	acgggtg	agctgaat	cggaacac	840
gatgtgg	tagcgc	gggggc	tttacct	tcgggcag	gatgccg	900
agtgaagg	tgctgtt	ccgcgac	gccccgt	cgcttgac	gaaagggt	960
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<210> 1932

<211> 1473

<212> DNA

<213> *Enterobacter cloacae*

<400> 1932

gcttgc	gaaacatt	cgccatga	tttatc	aattgtt	tgaaatc	60
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gtattaa	actacga	aacgctc	gtggtgc	actggga	cggtgaag	180
cgcgca	acgaaag	acgtctt	attcgcg	cgctgacc	tatcccg	240
attcatc	ttctgga	ggaagac	ccgttcag	atatgca	tatcttc	300
aaggcgt	tacagtac	cgaccag	gaaggca	ccttctg	gcgcgtg	360
cgtcgtg	aacacga	cagctcg	gaagtcg	gctacgt	cggcggt	420
aaccagc	ttgagac	gcgcgtg	ctgacta	cggacgt	cgtaata	480
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tccagct	tgctgat	tcgcggt	cgctgca	actgctt	taacctg	660
ggcgcg	atgaaat	cgtacgt	gtggcgc	acctgtg	ccgcttc	720
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gtctccag	agacgct	caacctg	cttatcg	acgtgtc	tacgctg	960
ctgcgccc	tgatctc	cgataaa	cacatcat	atctggc	taaaatc	1020
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attaaag	tgaaggc	gatcgaa	gaagaag	acttcga	cagcatc	1140
gaaaaag	tggcgga	gtccaac	gatatcc	agatcg	gcagacc	1200
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<210> 1933

<211> 2160

<212> DNA

<213> *Enterobacter cloacae*

<400> 1933

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aaagatcg	aggcggtg	cgctttt	gccgctc	tgccccg	cagcatcg	180
tttggcag	agcagga	tctcgac	ctggtaa	agggttat	cgaagag	240
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gtctcctg	tcctgctg	tattgaag	aatatgg	cgattgg	tgccgtaa	600
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gaagcggg	cgccgatt	gcgcac	aatcag	ccggcgt	cccgtgat	720

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atcaacaaag	cgcagatcta	cgcctggaag	aaagcgcata	aaacgctgta	ctacattcgc	2100
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<210> 1934

<211> 969

<212> DNA

<213> Enterobacter cloacae

<400> 1934

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ctctccaacg	atattccggc	ctggcaaaact	ctgagccatg	ccgagcagca	gctgacaatc	180
cgcgtcttca	ccggcctgac	gctgctggac	accattcaga	ataccgtggg	tgcgcccgcg	240
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gaggcggtgc	atgcccgcct	ttacagctcg	attttctcca	ctctgtgcca	gaccagggac	360
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gaatctttcc	tcttctattc	cggcttctgg	ctgcctatgt	actggctcag	ccggggcaag	540
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<210> 1935

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 1935

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gagatttttg	tcattcatggg	attatccggg	tcgggtaaat	ccactatggg	tcgccttctc	240
aatcgccctg	ttgaaccac	ccgcggacag	gtgctgattg	acggcggtga	tatcgccaga	300
atatcagacg	cggaactccg	cgagggtgcg	agaaagaaaa	ttgcgatggg	gtttcagtc	360

tttgactga	tgccgcacat	gacggtactc	gataataccg	cctttggcat	ggagttagcc	420
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<210> 1936

<211> 1212

<212> DNA

<213> Enterobacter cloacae

<400> 1936

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<210> 1937

<211> 1224

<212> DNA

<213> Enterobacter cloacae

<400> 1937

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<210> 1938

<211> 486

<212> DNA

<213> Enterobacter cloacae

<400> 1938

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caaatcgccg	ctgcggtaag	ttcaaataat	gtggatatcca	tgctgatggg	tgcggtgtac	420
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gcgtaa						486

<210> 1939

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 1939

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<210> 1940

<211> 1083

<212> DNA

<213> Enterobacter cloacae

<400> 1940

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taa						1083

<210> 1941

<211> 1005

<212> DNA

<213> Enterobacter cloacae

<400> 1941

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<210> 1942

<211> 1581

<212> DNA

<213> Enterobacter cloacae

<400> 1942

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<210> 1943

<211> 354

<212> DNA

<213> Enterobacter cloacae

<400> 1943

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<210> 1944

<211> 255

<212> DNA

<213> Enterobacter cloacae

<400> 1944

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gtgcccagac	cggcagacac	cctgcggggc	cagggtttcc	gtcagcttcc	ggttgtggtt	180
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<210> 1945

<211> 627

<212> DNA

<213> Enterobacter cloacae

<400> 1945

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gaacaaatgc	ttaagttccg	cgccagtcgt	catgaggact	tcccgtatca	ggaaattctg	180
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<210> 1946

<211> 1695

<212> DNA

<213> Enterobacter cloacae

<400> 1946

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<210> 1947

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 1947

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gtcgtcaagg	agtggcacgg	ccgtcgtcct	atgtctgtcg	gtacgggcag	cgagagcgcg	360
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<210> 1948

<211> 462

<212> DNA

<213> Enterobacter cloacae

<400> 1948

tgccggaatg	gcggcggtgg	acgttcgctt	actgtgagtg	acgcgctgtc	actcgcttca	60
ttattcgcca	gcagtttttt	aagctccacc	ctcttaccgg	ggaattcgga	agtgggtgctg	120
gtggcgatgc	tgttgccgg	cgtaagtcag	ccctgggttg	tggtcttaat	agcaacaatg	180
ggtaatagcc	ttggagggtc	gactaacgtt	attcttgagc	gtttctttcc	gctacgcgaa	240
aaatctcgct	ggcaggaaaa	ggcagtgggc	tggctaaaa	gctatggcgc	tgccacgctg	300
ttattaagct	ggatgcctgt	aataggcgat	ttactgtgtc	tgctggcggg	atggatgcgc	360
atctcctggg	gaccggtgct	cttttttttg	tgcttggtga	aggcggttacg	ctatgtttta	420
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<210> 1949

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 1949

tgttcgtgta	aacagcaacg	acgagctggc	cctgccaata	gaaaaacttc	aggaactgca	60
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atgacgacaa	ccaccacctt	ctcctttacc	catcgcccgc	ttgtgccgtt	ttcgcatgat	180
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ggcgtctggc	tacctgcggg	tacgcagcac	gccctgcgca	tcaccggcaa	cgttgccgcc	360
cgcacgctgt	ttatcgaccc	gctggcgcg	gccgatctcc	cggcgacctg	ccagatcgtg	420
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ttacgcgtgg	cgctggatct	ggggatatgg	agccacagcg	cctttacggc	aatgtttcgc	840
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<210> 1950

<211> 354

<212> DNA

<213> Enterobacter cloacae

<400> 1950

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gtcaaccgtg	aagcaagaat	ggggcgctact	gctctcatta	ttcaccgcac	actcaaagac	180
agaagcctgt	catttgctga	gcccgcctcg	gatattaaaa	cctgcgatca	ttatcagcaa	240
tttccgctct	atttaggcgg	cgagacgcat	gaacattatg	gtattccgca	cggtttcagc	300
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<210> 1951

<211> 315

<212> DNA

<213> Enterobacter cloacae

<400> 1951

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tgtctgtcgg	tacgggcagc	gagagcgcg	ttgctgaagc	gctactcaat	caccttgggc	120
ctgcgccact	atTTTTctgc	cgctcgttgc	gccgatcatg	ttaaacatca	taaaccgcga	180
ccgataacct	tcctgctctg	tgcagaatta	atgggtgttc	cacctgcaaa	atgcgtgggtg	240
tttgaagatg	ctgatttttg	tattcagccc	gcgcgtgatg	ccggaatggc	ggcggtggag	300
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<210> 1952

<211> 519

<212> DNA

<213> Enterobacter cloacae

<400> 1952

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ttctgcgtgc	cgaataaaga	agtgatgcca	gagaaaggca	ttcacacgct	ggaacacctg	180
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atccctgagc	tgaacgttta	ccagtgcggc	acttaccaga	tgcactctct	ggaagaagct	420
caggagattg	cccgtcatat	catcgaacgt	gatgttcgtg	taaacagcaa	cgacgagctg	480
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<210> 1953

<211> 1572

<212> DNA

<213> Enterobacter cloacae

<400> 1953

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cgcgtaaattg	cggatggtag	cttagcgact	acgggacacc	cgaaggcggt	aggctcggcg	180
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gttgtgcgtc	agaaagaggt	cgaagcggca	gatactgagt	cgtttgaggc	gtttctggcg	1560
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<210> 1954

<211> 357

<212> DNA

<213> Enterobacter cloacae

<400> 1954

ccaaccgaaa	aaagatgcgg	tgaaacaggg	ttaattgtcc	cggcttgctt	tacactgaag	60
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gaagccgagc	agcgcgaact	taaaacgctt	ctcgaccgcg	ccgcacgcgc	gcatggccgc	180
acgctgacga	acgccgaaac	caatcaggtt	aaaaaagagt	acatcgacaa	gctgatggcg	240
caacgtgagg	ctgcggcgaa	aaaagccgcg	aagctgaaaa	aagagcaggc	ttataagccg	300
gatgcagagg	cgaccttttc	ctgggtccgc	aatacatcaa	cccgtggaag	gcgctaa	357

<210> 1955

<211> 1362

<212> DNA

<213> Enterobacter cloacae

<400> 1955

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gtactttccg	cctcagcccg	cgtgacgaac	ctgctggttt	ctctgtctga	aggactggaa	180
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cgtctgcaaa	acccgaacgt	cattcgtgag	gaagtggaa	gcctgctgga	aaatatcacc	300
actctggccg	aagccgcgct	gctggcaacc	tctaccgccc	tgaccgatga	gctggtcagc	360
cacggtgaac	taatgtctac	cctgctgttc	gttgagatca	tgccgcagcg	caatattcag	420
gcgcagtgg	tcgacgtgcg	taaagtcagt	cgcaccagcg	accgctttgg	ccgcgcgag	480
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atgatctgct	acggtgcata	cagctacaac	ctctgcttcc	tggtcctctg	cgatcaggcc	1320
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<210> 1956

<211> 1020

<212> DNA

<213> Enterobacter cloacae

<400> 1956

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ctctctgtac	tcgcgtatta	cactcctgcc	acgttcacgg	gcattgggtcc	gtgggtcacc	180
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gcgctaccgg	gggcgtgttt	ctccgtctgg	cataacctgt	ccggttcgct	gtagcaggg	960
tactggtccg	gtaagccgat	tgatgaccaa	ccgaaaaaag	atgcggtgaa	acagggttaa	1020

<210> 1957

<211> 933

<212> DNA

<213> Enterobacter cloacae

<400> 1957

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cccgtctaaac	gcggcgaaaa	acctgctgca	accaccgctg	cacaacctgg	cggacagggt	180
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tcacgcatga	ccgacgaccg	cgtcaccgag	ctgggcgcga	tggtgattaa	ggccgcgaaa	900
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<210> 1958

<211> 318

<212> DNA

<213> *Enterobacter cloacae*

<400> 1958

atcacaggga	gtaatatgaa	ggagatcggt	cagacagaat	ccttccgacg	ctgggagcaa	60
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ggcttagcgg	gcgacattag	acccgtgggg	gaaggatatca	gtgaactgag	gatccacttt	180
ggcccgggct	acagagtcta	ttttaaggac	cagggaatt	gcatcatcgt	gctgttatgt	240
ggtggtgaca	aaagcagcca	ggccagagac	atacttatgg	caaaaatgct	gagcaatgta	300
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<210> 1959

<211> 294

<212> DNA

<213> *Enterobacter cloacae*

<400> 1959

atgagcatgc	ataaattaac	accctacgat	ccagccaacg	caactgggtgga	tgacgaggaa	60
atcgctgtgt	ttatggctga	tgcattagag	acgggtgact	cagcgtagat	tgctaaagcg	120
ctgggcgtca	tcgcccagac	gaaagggatg	tcgaccattt	cccagcaaac	gggctgtca	180
cgagaacaac	tgtatcgatc	attcagtgat	aaggggaacc	caacgctcaa	aaccacgctg	240
gcggtcatga	aagcattggg	ccttgggtta	acaatcaaac	cctctgggga	ttaa	294

<210> 1960

<211> 942

<212> DNA

<213> *Enterobacter cloacae*

<400> 1960

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gaagagaatg	tcttcgtaat	gacaacttcg	cgtgcttctg	gtcaggaaat	tcgcccgtcg	120
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<210> 1961

<211> 1365

<212> DNA

<213> *Enterobacter cloacae*

<400> 1961

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gaaggcattc	gccgcccgtg	cagcgacagag	gaagtgggtg	agttacgtgg	ctcggttaac	180
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aaggtgcagc	agccagaatt	tgcggcaggc	aaagagggat	ataccttcgt	ttcgcaccag	1260
caggaagtgg	gaaccggcta	cttcgataat	gtgaccacga	ttattcaggg	cggggcctcc	1320
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<210> 1962

<211> 1803

<212> DNA

<213> Enterobacter cloacae

<400> 1962

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<210> 1963

<211> 3702

<212> DNA

<213> Enterobacter cloacae

<400> 1963

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 <211> 954
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 <213> Enterobacter cloacae

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<210> 1965
 <211> 225
 <212> DNA
 <213> Enterobacter cloacae

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<210> 1966
 <211> 1629
 <212> DNA
 <213> Enterobacter cloacae

<400> 1966
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<210> 1967

<211> 1647

<212> DNA

<213> Enterobacter cloacae

<400> 1967

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<210> 1968

<211> 432

<212> DNA

<213> Enterobacter cloacae

<400> 1968

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<210> 1969

<211> 525

<212> DNA

<213> *Enterobacter cloacae*

<400> 1969

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<210> 1970

<211> 555

<212> DNA

<213> *Enterobacter cloacae*

<400> 1970

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<210> 1971

<211> 492

<212> DNA

<213> *Enterobacter cloacae*

<400> 1971

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<210> 1972

<211> 1011

<212> DNA

<213> *Enterobacter cloacae*

<400> 1972

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<210> 1973

<211> 1935

<212> DNA

<213> Enterobacter cloacae

<400> 1973

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<210> 1974

<211> 723

<212> DNA

<213> Enterobacter cloacae

<400> 1974

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<210> 1975

<211> 1518

<212> DNA

<213> Enterobacter cloacae

<400> 1975

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<210> 1976

<211> 2709

<212> DNA

<213> Enterobacter cloacae

<400> 1976

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<210> 1977

<211> 978

<212> DNA

<213> Enterobacter cloacae

<400> 1977

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<210> 1978

<211> 2220

<212> DNA

<213> Enterobacter cloacae

<400> 1978

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<210> 1979

<211> 1251

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(1159)

<400> 1979

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gcgtggttct	tctggctcgt	ggcggcactg	gttttcacct	ggttctgcat	gctccattcc	180
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gcaaagggtca	tcaccttctt	tcttaccttc	ggcagcctgc	tggggcacgt	cacgcgggcc	540
acgctgttta	acgttgccga	aacgaacacc	tcttatacgc	cgtacctgct	gatgaccctg	600
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<210> 1980

<211> 507

<212> DNA

<213> Enterobacter cloacae

<400> 1980

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attacgctgg	gcctggttgc	cactgacgat	gaagggcagg	tggtcggcta	cgtggccttc	180
agcccgggtga	ttgtgcaggg	tgaagagttg	cagtgggtcg	gcctggcgcc	gttggcgggtg	240
gatgaaaact	accgtggcca	gggcctggcg	cgccagctgg	tctatgaagg	actggattca	300
ctgaatgaat	ttggctatgc	cgctgtcgtc	gttctgggcg	atccggcggt	ctacgaacgt	360
ttaggttttg	agccagcgtc	cagatacgat	ctgcgctgcc	actggccggg	cacggaaaca	420
tctttccagg	tgcatacctc	ggcagatgat	gcgctcgacg	gcgttaccgg	tctggtggag	480
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<210> 1981

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 1981

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gatcccgagc	gcgtggcctt	ttacgtaatg	agcgaagaca	aaacgcggca	tgcgcagatg	180
acggggccagc	aggcaaaagt	ggcaggtacg	gtaaacggtc	agcctaaaac	tgttgcgctg	240
atccgcgggg	tccagttcaa	aggtgaaatt	cgtcgcctgg	aaggggagga	gagcgacgcg	300
caacgtaaac	gctatacgcg	ccgcttcccg	gtggctgctg	cgctaaaagc	cccgtgtgtg	360
gaaatccgcc	ttgatgagct	gaaatttacc	gacaacaccc	tgggcttttg	taaaaagctg	420
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<210> 1982

<211> 738

<212> DNA

<213> Enterobacter cloacae

<400> 1982

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cagccgtact	acggtaaagc	cttcaccgcc	gccgacaccc	acagcatcgg	taaatcgatt	180
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atcccgcgta	actggctggt	gaaaaccctg	ggacagccgc	gcttgacagg	cacgctgctg	360
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gtgaaagaca	acgaggccgg	atctgcttcc	gttgagctgg	acgtcagcga	gccgcagggc	660
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<210> 1983

<211> 363

<212> DNA

<213> *Enterobacter cloacae*

<400> 1983

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tacaccggga	tcactaccga	tgtggcacgg	cgttttttac	aacatcaaac	ggggaaagg	180
gcgaaagcac	tgcgggggaa	aggtgaactt	cagttagcgt	tttcagccgc	cgtgggcgac	240
agatccctgg	cgctcaggct	ggaataccgc	atcaagcagt	tgacaaagcg	ccagaaagag	300
cgtctcgtca	acggggacgg	ctctttcagag	gcgctactcg	aaagcctgct	taaaaacgat	360
tga						363

<210> 1984

<211> 1038

<212> DNA

<213> *Enterobacter cloacae*

<400> 1984

gccaggtggc	aaaggtgtgg	cgtcaggcca	tcgaccgctg	catggcgggac	ccgcaaaact	60
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cgctcggcgc	gtatcacctg	aaatggcagt	gagataatca	tgaaatattc	attagggccg	180
gtgctttact	actggccaaa	agagacgctg	gaagattttt	accagcaggc	ggctaacagc	240
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ctgccgtttg	tcgccggaca	tgccctgaac	tgtataacgc	ccgtgacctt	gcgcctgctg	540
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aacctgctta	cacagtgcga	agagctgggc	attcgcaaca	agtttgaagt	ggaagtctctg	660
agctatgggc	atctgccgct	ggcctactct	gcccgctgct	tcaccgcacg	ttccgaagat	720
cgtccgaaag	acgagtgcga	aacctgctgc	attaagtacc	cgaacggacg	cagcatgctg	780
tcgcaggaga	atcagcaggt	gtttgttctt	aacggcattc	agaccatgag	cggttacgtc	840
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ccgctggata	ccggcgattt	cgccatgctg	gacgccttcc	gcgccaacga	aaatggcgct	960
gctccgctgc	ctctgacggc	aaacagcgac	tgcaacggtt	actggcgacg	tctcgccggg	1020
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<210> 1985

<211> 1014

<212> DNA

<213> *Enterobacter cloacae*

<400> 1985

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cgcggtatc	accgctactg	gctggcgagg	caccacaata	tggtgggcat	cgccagcgcc	180
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aataccctct	atccggggcg	tattgattta	gggcttggcc	gtgcgcgggg	cagcgatcag	360
ccgaccatgc	gcgccttgcg	ccgccatatg	agcggcgata	tcgacaactt	cccgcgcgat	420
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catcaggcgc	tgcattctca	ccgcacgcac	ttcaaaccgt	ccgagcgctc	ggagaaaccg	660
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ctgcgtgaaa	cccaggcgga	tgagattatg	gttaacggcc	agatttttca	tcaccaggcg	960
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<210> 1986

<211> 456

<212> DNA

<213> Enterobacter cloacae

<400> 1986

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caggtgctgc	accagcgtag	cgacaagcac	caccgtcagc	aggccagccg	ccagacggat	180
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tgggttacc	atccagaagg	caagcgcgcc	gcccatcgac	acgcgctgtc	ggcgcatacc	300
cgccgccacc	ggtgcggcgc	agcaggaaca	catcatgccc	ggcagggaga	aaatcgtccc	360
cagcagcgtg	ccctgcaagc	gcggctgtcc	cagggttttc	accagccagt	tacgcgggat	420
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<210> 1987

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 1987

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accatcgaga	aagaagcggg	taaaaccgtg	aagggccata	aggcggaagc	cagcgtgacc	180
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gcgggagccg	agttctacga	tcaggaagtg	gtgaacgata	acgatcagct	gatcaccagc	480
cgtaaccgcg	acgatctgcc	ggcgtttaac	cgtgaagcgc	tacgcctgct	cggcgcgtaa	540

<210> 1988

<211> 1125

<212> DNA

<213> Enterobacter cloacae

<400> 1988

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gtcgcgcgca	tgaaagaaga	tggcgtgaac	atctgggggg	acggtagcac	ctataaaggc	180
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acccgtgaga	agctgttcaa	ctatgtttgag	aatggcctgc	tctccgcgaa	ttccggtaat	1080
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<210> 1989

<211> 999
 <212> DNA
 <213> Enterobacter cloacae

<400> 1989
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 cttaacttta cggagaaaaa gcttcaggaa gccgttaact tcgtccacca gcaccggcgc 180
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<210> 1990
 <211> 321
 <212> DNA
 <213> Enterobacter cloacae

<400> 1990
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 cgccagaagg gagcggttcc ttatgcatac actgcgaacc tgggtcagcc ggacgaggaa 180
 gattatgacg cgatccctcg tcgtgccatg gaatatggcg cagagaacgc acgtctgac 240
 gactgccgta agcagctggg ccccggaagg gattgccgcg atcccagtg cgtgctttcc 300
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<210> 1991
 <211> 474
 <212> DNA
 <213> Enterobacter cloacae

<400> 1991
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 gcgctgatcg tgacgctggg aatgggttggg tgcagcgcgc gtcccggcat cccggtcagt 180
 gaagaacaga cgctggtgat ggagtcctca gtgcttgctg cgggcatcac ggcgagaaag 240
 ccttcgctga ccataagcga aatccagtct tcagcctctt ctacgctcta taacgaaagg 300
 caagagccag tgacggtgca ttatcgcttc tactggtatg acgtgagagg tcttgagatg 360
 caccgccttg aggcgcgcgc cagcgtgacc atcccagcaa gatcgctcgg cagcgtctac 420
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<210> 1992
 <211> 270
 <212> DNA
 <213> Enterobacter cloacae

<400> 1992
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ctgcacggta ccgcagttat ctacaaataa

270

<210> 1993

<211> 1269

<212> DNA

<213> Enterobacter cloacae

<400> 1993

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ggtatcgccc	tgggcgtggc	ggtgctgatt	gtgggcttaa	gcgccatgaa	cggctttgag	180
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ggccagtaa						1269

<210> 1994

<211> 966

<212> DNA

<213> Enterobacter cloacae

<400> 1994

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ctacaatggg	aaaccgcgct	ccccacgccc	cgcgaaagct	acgatgaatt	tttaaccgcc	180
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gataacgatg	ccaactgctt	cgcgctctct	gaagcctggg	atgatgaatt	ccgtcgcttc	420
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gaacagttgt	ccgggcgtct	gacccgacat	ttattgccgg	tcgcccgcgt	gccgcgcatt	900
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<210> 1995

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 1995

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cagccaacaa	cgccagcgca	gcctgttcca	accgtgccgt	ctgtaccgac	cattccggcg	180
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tattctaacg	cgacaggcaa	cgtgaacacg	ccgtcgttgc	agatgcagtt	aatgctggtt	600
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<210> 1996

<211> 1068

<212> DNA

<213> Enterobacter cloacae

<400> 1996

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ggggggctga	ttcttttcac	ccgcaattat	catgatccgg	agcagttgct	tgagctggtt	180
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gagatgatcg	ccatggatat	cgacatcagc	ttcgccccgg	tgctggacgt	aggacacatt	420
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gcagacattc	gcgctaaaga	tatgtcggtt	ttccgctcgc	tgatcgctga	taacaagctg	660
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<210> 1997

<211> 1320

<212> DNA

<213> Enterobacter cloacae

<400> 1997

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gtgtacattt	ctctgtaccg	tatgcaccag	attgcgttgc	acggctactt	caaaaccggc	1260
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<210> 1998

<211> 1944

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1064)

<400> 1998

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<210> 1999

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 1999

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ccgacgcaca	tctttattat	tcccaatatt	ctgatcccga	ccgttaatga	cgtaaaaacc	180
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gggattgctg	aagacggata	ccgtttgatc	atgaactgta	atcgccatgg	cgggccaggaa	300
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aaaggtcttt aa

372

<210> 2000

<211> 864

<212> DNA

<213> Enterobacter cloacae

<400> 2000

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gaaatgcgcc	ttcagcagac	aggtgacaaa	caatttattg	cgtcggcaaa	tgatgcctgg	840
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<210> 2001

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 2001

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cgtcatccga	agcatgacat	gcagcatctg	cttaaagaag	tgataaaaat	gttgcagctc	180
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gcgctgaaca	gctcccgcgc	cgcgcgagctt	ctgcaccatt	actacgaaat	tgtctgggac	480
gaagagcaga	cccacaagtt	caaaaacatt	tccccgcact	tgcagcgtat	taaagccttt	540
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<210> 2002

<211> 612

<212> DNA

<213> Enterobacter cloacae

<400> 2002

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gaaaaaatgt	tgggctacga	cgtaacctac	aaaattggcg	atcagcaggg	caaaatccgc	540
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aacaaagtgt	aa					612

<210> 2003

<211> 900

<212> DNA

<213> *Enterobacter cloacae*

<400> 2003

gcgtgcgcga	cacggggacg	caggaggcat	gcgcggagcc	gcattccttc	atctcaccga	60
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aataaacgcc	gcttacgtga	acgcctgcgt	cagcggatct	ttttcagaga	caggatgatg	180
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catacggtag	agcttaatct	ggagccaagc	caggtcggga	gtgagtttga	agagaaacat	840
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<210> 2004

<211> 279

<212> DNA

<213> *Enterobacter cloacae*

<400> 2004

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gggggtccgac	aggtgccaag	caccgaaggc	cagtgggaagc	tgctaaatct	gctgaaagag	180
cagctggagg	ctatgggggt	ggttgacgtc	acgtcagcgc	aaaaagcgac	cggtcttcac	240
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<210> 2005

<211> 1059

<212> DNA

<213> *Enterobacter cloacae*

<400> 2005

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aacgaactga	aaaagctgat	gccaaacgtg	gcggcggttc	actcgataa	cccggctaac	660
ccgtatatgg	aaggtgaagt	gaatctgggg	atggctctga	acggctctgc	gtttgtggcg	720
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<210> 2006

<211> 1155

<212> DNA

<213> *Enterobacter cloacae*

<400> 2006

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<210> 2007

<211> 1212

<212> DNA

<213> Enterobacter cloacae

<400> 2007

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<210> 2008

<211> 807

<212> DNA

<213> Enterobacter cloacae

<400> 2008

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<210> 2009

<211> 3513

<212> DNA

<213> *Enterobacter cloacae*

<400> 2009

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<210> 2010

<211> 1020

<212> DNA

<213> Enterobacter cloacae

<400> 2010

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<210> 2011

<211> 882

<212> DNA

<213> Enterobacter cloacae

<400> 2011

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<210> 2012

<211> 669

<212> DNA

<213> Enterobacter cloacae

<400> 2012

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<210> 2013

<211> 846

<212> DNA

<213> Enterobacter cloacae

<400> 2013

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<210> 2014

<211> 2742

<212> DNA

<213> Enterobacter cloacae

<400> 2014

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<210> 2015

<211> 1437

<212> DNA

<213> Enterobacter cloacae

<400> 2015

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<210> 2016
 <211> 789
 <212> DNA
 <213> Enterobacter cloacae

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<210> 2017
 <211> 1194
 <212> DNA
 <213> Enterobacter cloacae

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 <213> Enterobacter cloacae

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<210> 2019

<211> 453

<212> DNA

<213> Enterobacter cloacae

<400> 2019

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<210> 2020

<211> 1164

<212> DNA

<213> Enterobacter cloacae

<400> 2020

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<210> 2021

<211> 1089

<212> DNA

<213> Enterobacter cloacae

<400> 2021

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<210> 2022

<211> 1725

<212> DNA

<213> Enterobacter cloacae

<400> 2022

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<210> 2023

<211> 1725

<212> DNA

<213> Enterobacter cloacae

<400> 2023

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<210> 2024

<211> 3666

<212> DNA

<213> Enterobacter cloacae

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<211> 270

<212> DNA

<213> Enterobacter cloacae

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<210> 2026

<211> 1269

<212> DNA

<213> Enterobacter cloacae

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<211> 1032

<212> DNA

<213> Enterobacter cloacae

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<211> 660

<212> DNA

<213> Enterobacter cloacae

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<210> 2029

<211> 282

<212> DNA

<213> Enterobacter cloacae

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<210> 2030

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 2030

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<211> 520

<212> DNA

<213> Enterobacter cloacae

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<210> 2032
 <211> 912
 <212> DNA
 <213> *Enterobacter cloacae*

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<210> 2033
 <211> 2289
 <212> DNA
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<210> 2034

<211> 810

<212> DNA

<213> Enterobacter cloacae

<400> 2034

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caacaggaga	tcccgaacgc	tgaaaccatg	aagcagactg	aaagccatgc	ggtgaaaatc	780
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<210> 2035

<211> 831

<212> DNA

<213> Enterobacter cloacae

<400> 2035

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ccgtatctgt	tgccccggga	tatgcagccc	aaaccgccat	cacgacgtaa	tgaaccggcc	720
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<210> 2036

<211> 1515

<212> DNA

<213> Enterobacter cloacae

<400> 2036

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aacccaaaag	gctacaccat	gccggtgctg	tgcaacctgt	ttggcacacc	tcgccgcgtg	240
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<210> 2037

<211> 723

<212> DNA

<213> Enterobacter cloacae

<400> 2037

acttcccgcac	agagagagcg	aatgacaacc	ttaagctgta	aagtgacgtc	ggtagatgct	60
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<210> 2038

<211> 1638

<212> DNA

<213> Enterobacter cloacae

<400> 2038

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gcgtcagtg	gcgcgctgg	tggccgcaac	ggcagcggtg	aaacacgcct	tctccggttg	180
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<210> 2039

<211> 228

<212> DNA

<213> Enterobacter cloacae

<400> 2039

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aaaccgctgg	tcatcaacgg	tgcgtaccat	gagatccttt	ttgaaaagga	cgctatgcgc	180
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<210> 2040

<211> 1602

<212> DNA

<213> Enterobacter cloacae

<400> 2040

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<210> 2041
 <211> 771
 <212> DNA
 <213> Enterobacter cloacae

<400> 2041
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<210> 2042
 <211> 1677
 <212> DNA
 <213> Enterobacter cloacae

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 cgtatcaccg tgccgcttcg gctttggcgt cgcacgctct tctggatgcc gaatcgccat 180
 aaggatcagg agctgggcgc acgcctgcgt cttgcgttgc aggagctggg accggtctgg 240
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<210> 2043
 <211> 780
 <212> DNA
 <213> Enterobacter cloacae

<400> 2043

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gccaacgata	tctatcaggt	ggtttccgca	ccgctgatta	aacagatgcc	gctgggcgcg	180
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<210> 2044

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 2044

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aagtccaatc	cttttagtga	atgtgagcgt	ttacgcaaag	gatcgggcct	gaaaacagat	180
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<210> 2045

<211> 546

<212> DNA

<213> Enterobacter cloacae

<400> 2045

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gcctttgaag	gcttacaggc	catcttcgct	gagccggacg	gtgaagcgcg	ctccatgctg	480
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<210> 2046

<211> 861

<212> DNA

<213> Enterobacter cloacae

<400> 2046

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gaagaagcca	ttaccgcagg	cgagacctcc	attccctccc	agggagagaa	catgccagcg	180
taccacgcgc	ggccaaaatc	tgccgatggc	ccgctgccca	tcgtgatcgt	ggtgcaggaa	240
atatttggcg	ttcatgaaca	tattcgcgac	ctctgccgcc	gtctggcgct	ggaaggttac	300
ctggccggtg	cgccggaact	ctatttccgt	cagggcgatc	cgaatgatta	cagcgacatc	360
ccgacgctgt	tcagcaacct	ggtcagcaaa	gtgccggacg	cgcagggtact	ggccgatctc	420
gaccacgttg	ccagctgggc	ggcgcgcaac	ggtggcgacc	cgcaccgtct	gatggtgacc	480
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accggcattc	cgcttgatac	cgtcgagacc	atgcgccacg	cgctgcgggc	ggcaaacgcg	720
aaggccgaaa	tcgtggtgta	cccggatgcg	ggacacgcgt	ttaatgccga	ttatcgcccg	780
agctatcacg	cggaatccgc	gaaagatggc	tggcagagaa	tgctggcgtg	gttcagccag	840
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<210> 2047

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 2047

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ttaatgccga	ttatcgcccg	agctatcacg	cggaatccgc	gaaagatggc	tggcagagaa	180
tgctggcgtg	gttcagccag	tacggcggga	agaaagcgta	ataccaaaag	cccgggtggcg	240
gctacgccaa	ccgggcaatc	cagccccact	acgcctgacg	caaattctgc	gccgcctgca	300
ccatgttcgc	cagcgcgcgc	cggttttcag	gccagccgcg	agttttcagg	ccgcagtcgc	360
ggtttaccca	cagacgttcc	gccgggatgc	gctgggccgc	tttttgcagc	agcgattcaa	420
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<210> 2048

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 2048

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agcgatctgg	aacaacgcct	cggttttcgt	ctttttgtgc	gtaagagcca	gcctttgcgc	180
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cacagctgta	ttcagtggtc	gacccccgcg	cttgagaact	tccgccagaa	gtggccgcag	360
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taa						963

<210> 2049

<211> 1506

<212> DNA

<213> Enterobacter cloacae

<400> 2049

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cagtttgcgc	cgggtatccg	acgtcttcag	gcgttaatta	cgcagcagtg	gggcgggaaa	1500
gggtaa						1506

<210> 2050

<211> 666

<212> DNA

<213> Enterobacter cloacae

<400> 2050

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tatcgggcaa	aattccctca	cgatccactc	tctgtgttaa	gagaaattct	agtatatatc	300
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aactggcttt	ttgtcccgga	gtcgttcgat	ctcagatcag	aggcgcgcag	ctatgtcgac	600
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acctga						666

<210> 2051

<211> 618

<212> DNA

<213> Enterobacter cloacae

<400> 2051

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<210> 2052

<211> 354

<212> DNA

<213> Enterobacter cloacae

<400> 2052

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caggctcagc	agatgcagga	aaaaatgcag	aagatgcagg	aagagatcgc	tcagctggaa	120

gtcacgggtg	aatccgggtg	cggtctgggtc	aaggtgacca	tcaacgggtg	gcataactgc	180
cgtcgcgtgg	aaatcgaccc	gagcctgctc	gaagacgaca	aagagatgct	ggaagatctg	240
gttgcagccg	cgtttaacga	tgccgctcgc	cgatcgcacg	aaacccagaa	agagaaaaatg	300
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<210> 2053

<211> 1974

<212> DNA

<213> Enterobacter cloacae

<400> 2053

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tatgaagaga	agctcgcaca	ggcgcgcgag	gcgataattg	cggataacaa	catccagacc	1920
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<210> 2054

<211> 1875

<212> DNA

<213> Enterobacter cloacae

<400> 2054

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<210> 2055

<211> 678

<212> DNA

<213> Enterobacter cloacae

<400> 2055

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aacaccaaag	acgcgaaagt	ggacggcacc	aaagccgtgg	ctgacgtacg	tgcagagctg	660
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<210> 2056

<211> 1410

<212> DNA

<213> Enterobacter cloacae

<400> 2056

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<210> 2057

<211> 3483

<212> DNA

<213> Enterobacter cloacae

<400> 2057

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<210> 2058

<211> 405

<212> DNA

<213> Enterobacter cloacae

<400> 2058

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ctcgcggtag	tgctgggtac	gctgggtgtg	gttttgccct	tgctgccgac	caccccgctt	120
atcctgttgg	ccgcctgggtg	cttcgcccg	tcgtcgccgc	gttttcacca	ctggcttctg	180
taccgtctcg	ggttcggcgg	ctacctgcgg	caactggcaaa	aacaccgggc	tatgccgccc	240
ggggccaagc	cgcgcgccat	tgcccttcac	ctgatcacct	tcgcgcgtctc	gttatggctg	300
gtgaaaatga	tgtgggtgcg	cattctgctg	ctggcgatcc	tggttagcct	gctgctcttt	360
atgtggcgga	tccccgtggt	tgatgaaaaa	caacaaaagc	actga		405

<210> 2059

<211> 618

<212> DNA

<213> Enterobacter cloacae

<400> 2059

gatgccattc	tgatgcaaac	cagtcgcgtg	ctcacgcagt	tgatggaagc	actgcgctgc	60
ctgccggggc	ttggcccga	gtcggcgacg	cgtatggcgt	ttacgctatt	gcagcgcgac	120
cgcagcggcg	ggatgcgcct	ggcgacggct	ctgaccgcg	ccatgtcaga	aattggccac	180
tgtgcggatt	gccggacctt	taccgagcag	gacgtatgca	acatctgcac	gaaccgcgct	240
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caaaccgggc	agttttccgg	ccgctatctt	gtgctgatgg	ggcatctctc	cccgtgggac	360
ggcatcggcc	cggacgatat	cggctctgat	cgtctggagc	agcgcctgga	gtcggaaacc	420
atcaaagagg	tgatcctcgc	caccaacccc	acggtggaag	gggaggcaac	cgccaactac	480
atcgccgaac	tgtgcgcgca	gtacggcggt	gacgccagcc	gcacgcacca	cggcgtgccg	540
gtcggcggtg	agctggagat	ggtcgacggc	accacgctgt	cgcactcgct	ggccggacgt	600
cacaagatta	ttttctga					618

<210> 2060

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 2060

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ccagcggcgg	taaaacgcta	cctgcgacaa	tttttaagcg	acacgcgcgt	cgtggatacc	120
ccaagactgc	tgtggtggcc	actgctgcgt	ggcgctcattc	tgccgattcg	ttccccgcgt	180
gtggcaaagc	tctatcagtc	cgtgtgggatg	gaagagggct	cgcgcgtgat	ggtgtacagc	240
cgtcgtcagg	agaaggcgct	ggccgcccgc	ctgccggaca	tgcccgttgc	gctcggcatg	300
agctacggta	agccgtccct	ggaaagcgcc	gttgactctc	tgctggcgca	gggcgttgaa	360

cacattgtgg	tgctggctct	atatccgcag	tattcgtgct	ccacggtagc	tgccgtctgg	420
gacgaactgg	ggcgcatctt	ggcgacccgc	cgccgtatac	cggttatcac	ctttatccgc	480
gactacgccg	ataacgagct	gtacattcag	gcgcttgcca	gcagcgtgcg	cgcgctggtt	540
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gccctcggcc	tgccgcctga	gaaggatgat	atgaccttcc	agtcgcgctt	cgcccggtgaa	720
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gccgtccaga	acaaagagtt	ctttatggag	gcgggcggaa	cgaaatacga	atacatctct	900
gcgcttaacg	actcccctga	acacatcgac	atgatggtgt	cactggtcac	caccgcgcgc	960
tga						963

<210> 2061

<211> 270

<212> DNA

<213> Enterobacter cloacae

<400> 2061

ccggcgaaag	cgatccgctg	ctggcgctctg	ataaggcgct	ggactgggtg	gacctgggtgc	60
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gtaaaaccca	gcaccgcgtg	ctgccgggcg	caatcgccga	atttaaccag	tatgagttca	180
gccgcgctat	gcgtcataaa	gactgcatca	accgcgtgcg	tatcttctct	cacatcgcac	240
cgtatatggg	tggccctgag	aagatcatga				270

<210> 2062

<211> 792

<212> DNA

<213> Enterobacter cloacae

<400> 2062

atgaggatca	gcgggtcgaa	cagcatcccc	acggagacga	agaacagcac	cgcgaaatgca	60
tcccgcagcg	gcagggtatc	gtgcgcggcg	cggtgggtca	gctcggactc	gttcagcacc	120
atcccggcga	agaacgcgcc	cagcgcaaa	gagacgtcaa	acagctcgac	ggcgccaaag	180
gcaatgccca	gcgccagcgc	aaggactgaa	agcgtgaaca	gttcacgcga	gcccgtggcg	240
gcgctgcggg	acatgatcca	cggcaccaga	cgccggccca	ccagcatcat	gatggcgata	300
aacgccacga	ctttaccgat	ggtaatgctc	atatccagt	ccagcgaggc	gaagccgata	360
ttctcttttt	ccatcatccc	ggcgacggcg	ggcagcagaa	ccagcgtcaa	caccattacc	420
agatcttcaa	caatcagcca	gcctatcgcg	atttgcccgc	gctgggtgtc	tatcagctgc	480
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acgataccgg	tcattgattga	ccagcccagc	accgccgaaa	gcgccatgcc	cagcagcgtc	600
gccaccccta	tctgggggat	cgctcccggg	atggcgatcg	actttaccgc	catcagatcc	660
ttcaggga	aatgcagccc	gacgccaaac	atcagcagga	tcacgcctaa	ttccgccagc	720
tcaggcgcca	gtttggtatc	tgcgacaaaa	cccggcgtaa	agggccctgc	cagcacgccc	780
gccagcaaat	ag					792

<210> 2063

<211> 312

<212> DNA

<213> Enterobacter cloacae

<400> 2063

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ccgtggagca	cgaatactgc	ggatatagag	ccagcaccac	aatgtgttca	acgccctgcg	120
ccagcagaga	gtcaacggcg	ctttccaggg	acggcttacc	gtagctcatg	ccgagcgcaa	180
cgggcatgtc	cggcaggcgg	gcggccagcg	ccttctctct	acgacggctg	tacaccatca	240
gcggcgagcc	ctcttccatc	cacacggact	gatagagctt	tgccacacgc	ggggaacgaa	300
tcggcagaat	ga					312

<210> 2064

<211> 519

<212> DNA

<213> *Enterobacter cloacae*

<400> 2064

gcagcggact	ggtttgcac	agaatggcat	cttaaagccc	ggcggcagtt	gcataccgct	60
ggaaacagag	gccattttct	ctttctgggt	ttcgtcgata	cggcgagcgg	catcgttaaa	120
cgcggctgca	accagatctt	ccagcatctc	tttgcgtct	tcgagcaggc	tcgggtcgat	180
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tcttctttca	cgtaaggat	tacaaccgta	agtcagactc	acgatcaaata	ggggcggaata	420
ctctcttcat	ccagatcggc	gtcgaagtac	cggcgagggg	tctggatgtt	gttatccgca	480
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<210> 2065

<211> 555

<212> DNA

<213> *Enterobacter cloacae*

<400> 2065

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aatcagctga	tcgcgctgcg	ggcgcaggcc	acaccgctga	tgggccacgc	cacgctgaaa	120
ccgcgctttg	accggcagct	cttcgcgacc	cgcagcaccg	tcattcagga	ttaccttgct	180
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gtcgcgtggc	ttgcggagca	tcttaccgag	cagatcaccg	ccctgcaccg	ggaaatcgcc	300
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cggctggaga	accaggagtt	tgagcgccgt	ctgtttgaga	tgaagcgtga	gcgcgaagcc	420
cgcctgaaca	tcagcgaaac	gctggaagag	cagcagttat	taatgcgtga	aatcagcgcg	480
ctggaaggcc	gcacgtccg	ctgccgtcag	gcgctggatg	agattgaacg	cgctattgaa	540
cgcctgaccc	gttaa					555

<210> 2066

<211> 189

<212> DNA

<213> *Enterobacter cloacae*

<400> 2066

caggagccgc	tgatgtcact	ggaaaatgcc	cccgatgagg	tcaaactggc	cgctcgattta	60
attatgctgc	tggagaatca	tgcatccccg	gctgagacgg	tgctgaaagc	gctggagatt	120
gtgcgcgagg	attttgaggg	gaaacttccc	cctcacctcg	ccctctcccc	agaggggaga	180
gggaaataa						189

<210> 2067

<211> 1266

<212> DNA

<213> *Enterobacter cloacae*

<400> 2067

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cgaggtttac	atatgaacaa	aaacagaggg	ttaacgcctc	tggcggtcgt	tctgatgctc	120
tcaggcagct	tagcgcttac	aggatgtgac	gacaaagagg	ctcaacaagg	agctcagcag	180
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gatcgcgatg	ttattactgg	tttgcaaaaa	gttcgtcctg	gcgcgcaggt	caaagcgcat	1200
gaagtgaat	ctgacgacaa	acaacaagcg	tcggccgctg	gccagtcaga	acaaaccaag	1260
tcttaa						1266

<210> 2068

<211> 201

<212> DNA

<213> Enterobacter cloacae

<400> 2068

agcaaattga	tgaatacctg	gacgacacct	ttatgttggt	cagcagctac	ggcattaacg	60
cacaggattt	gcagaaatgg	cgtaaatacag	gaaaccgcct	atttcgctgc	ttactaatg	120
tcagcagagc	taatccggtt	agtctttcct	gttaaaatta	ttacaattac	taaggatgaat	180
ttatgtctga	taaaccatta	a				201

<210> 2069

<211> 573

<212> DNA

<213> Enterobacter cloacae

<400> 2069

aacgattcca	gagaggttcc	catgagtga	gaaaaacaga	agatgattgc	aggtgaatat	60
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cgctataacc	ataccgcacc	cgatgagaag	gccgaacgtc	gcgccttatt	agctgacctg	180
ctgggtcaaa	gcgaaggcgc	ctatatagaa	ccgagcttcc	gctgcgacta	cgggtataac	240
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gtccgcattg	gcgataactg	tatgcttgcg	ccgggggtgc	acattttatac	ggccacgcac	360
cctctggatg	cgaccgaacg	taacagcggg	ctggagtacg	gtaaaaccgg	caccattggg	420
gataacgtct	ggatcgggcg	acgtgcgatc	attaaccggg	gcgtaaccat	tggcgataat	480
gcggttatcg	cttcgggcgc	ggtagtgcac	aaagacgtgc	cggccaatgc	tgtcgtgggc	540
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<210> 2070

<211> 278

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (15)

<400> 2070

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ttttcggttt	tgcctttggc	atgggcggcc	ttggcgacgc	cgttttaggg	atgggtgccg	180
accacaccag	catcttctcg	gtctataaaa	tctgcgcttt	cctgccactt	ctgggggatgt	240
tgaccatatt	cctgcctgac	aaccgtcata	aagcgtaa			278

<210> 2071

<211> 3114

<212> DNA

<213> Enterobacter cloacae

<400> 2071

gacatgccta	atttctttat	cgatcgcccc	atatttgctg	gggtgatcgc	cattatcatc	60
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<210> 2072

<211> 1740

<212> DNA

<213> Enterobacter cloacae

<400> 2072

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<210> 2073

<211> 414

<212> DNA

<213> Enterobacter cloacae

<400> 2073

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<210> 2074

<211> 228

<212> DNA

<213> Enterobacter cloacae

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<210> 2075

<211> 477

<212> DNA

<213> Enterobacter cloacae

<400> 2075

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<210> 2076

<211> 744

<212> DNA

<213> Enterobacter cloacae

<400> 2076

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<210> 2077

<211> 798

<212> DNA

<213> Enterobacter cloacae

<400> 2077

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<210> 2078

<211> 1008

<212> DNA

<213> Enterobacter cloacae

<400> 2078

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<210> 2079

<211> 1257

<212> DNA

<213> Enterobacter cloacae

<400> 2079

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<210> 2080

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 2080

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<210> 2081

<211> 1581

<212> DNA

<213> Enterobacter cloacae

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<210> 2082

<211> 1194

<212> DNA

<213> Enterobacter cloacae

<400> 2082

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<210> 2083

<211> 1077

<212> DNA

<213> Enterobacter cloacae

<400> 2083

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<210> 2084

<211> 354

<212> DNA

<213> Enterobacter cloacae

<400> 2084

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ttccggcaga	gacagagccc	agttgctggt	gcggatcaca	tggccggtag	ggcgttcata	300
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<210> 2085

<211> 1761

<212> DNA

<213> Enterobacter cloacae

<400> 2085

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accacgctca	ccgcaaaaag	ctggctcacc	gaagcacccg	tgcgcatgtt	gatgaacaac	180
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<210> 2086

<211> 1080

<212> DNA

<213> Enterobacter cloacae

<400> 2086

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caacaggtgc	accgccagca	cttcgatccg	cgtcatgttc	aggtcagcac	gctgctgtcg	180
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<210> 2087

<211> 810

<212> DNA

<213> Enterobacter cloacae

<400> 2087

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<210> 2088

<211> 717

<212> DNA

<213> *Enterobacter cloacae*

<400> 2088

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ggcggcgaag	gtgcggcggc	ccggctgtgt	attatttcga	ttgtgctcgc	tctggtctcg	660
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<210> 2089

<211> 270

<212> DNA

<213> *Enterobacter cloacae*

<400> 2089

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cgcagtgttt	tgatgataac	ggccagggtg	aagtgcagct	ggaagtgggc	agcagaacgc	180
tgtgggcgcg	catcagccc	tgggccaggg	atgagctggg	tatcaagcct	ggcctgtggc	240
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<210> 2090

<211> 999

<212> DNA

<213> *Enterobacter cloacae*

<400> 2090

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<210> 2091

<211> 837

<212> DNA

<213> *Enterobacter cloacae*

<400> 2091

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<210> 2092

<211> 351

<212> DNA

<213> Enterobacter cloacae

<220>

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<222> (56)

<220>

<221>unsure

<222> (129)

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<222> (130)

<400> 2092

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<210> 2093

<211> 828

<212> DNA

<213> Enterobacter cloacae

<400> 2093

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<210> 2094

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 2094

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ctggcggtgg	acgatgtgcc	agcgggaacc	aaaagttttg	ttgtgacctg	ctacgatccg	180
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caccgctata	tcttcaccgt	gcacgcgctg	gatgttgaca	agattgaggt	cgacgaagg	420
gcgagcggcg	cgatggtagg	ctttaacgtg	catttccatt	cgctgggtag	cgcgctcgatt	480
acggcgatgt	attcgtaa					498

<210> 2095

<211> 1137

<212> DNA

<213> Enterobacter cloacae

<400> 2095

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cagggcgtta	cacacacctc	tattcaggga	gccgttgatg	ccgcaatcac	caaacacagc	180
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gccgccacca	ttggcgatg	gtgttcggcg	gtattctggt	cacaaaacaa	tgccctgcaa	480
ttgcaaaacc	tgaccattca	gaacaccctg	ggcgacagcg	ttgacgcagg	taatcatcag	540
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acggtggatg	ataaagacaa	cgtgcagcgt	aacctgaacg	acgctaactt	caaccgcatg	1080
tggaataaca	acaaccgcgg	tctgggtagc	aaagtggttg	ctgagccgaa	gcagtaa	1137

<210> 2096

<211> 1350

<212> DNA

<213> Enterobacter cloacae

<400> 2096

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ccgccgtaca	gcattttctgc	ggatcagctc	cgcaagctga	ccggggcagt	ggttgaagcc	1320
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<210> 2097

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 2097

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aatacgaagg	aaccgtttat	gttccggcgg	caccgggaag	cattacactt	tacggcctgg	480
gcgaaaaagc	ggtcgcagta	a				501

<210> 2098

<211> 903

<212> DNA

<213> Enterobacter cloacae

<400> 2098

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acactgctta	cccctcagaa	aaccttgctc	ccctcttctc	ttgaggccct	caaacgagcc	180
caggaagcgg	ggtatcaact	tctcatcgta	acgggtcgac	atcacgtagc	cattcatcct	240
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gaagcgcagc	gtccgggtgt	tactcaggtt	tcttccctgc	gccaggcggc	ggaagacgtc	540
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aaacttgctg	agcatacgct	gggtctggaa	tgtgaatggt	cctggcacga	tcagggtgat	660
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gtggtgattg	gtgataacac	caccgacagc	atcgcgagct	atatctatac	ccacctgctg	900
tga						903

<210> 2099

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 2099

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gcggacggaa	cggcgaccgt	cgatcttcgc	ggcctcgggc	cgacgcgtac	gctggtgctg	360
gtcaacggcc	gtcgctgat	gccgggcgac	ccgaccacgt	cggcgggcga	tctgaactcc	420
atcccccgcg	cgctgatcaa	gcgggttgaa	gtgcttaccg	gcgggtgcac	gtccacctat	480

ggcgcgagcg cgggtggccgg cgctcgtggac ctcatgtctt cactccgagg gaggccgac 540
 ccccatata cgccc 555

<210> 2100

<211> 258

<212> DNA

<213> Enterobacter cloacae

<400> 2100

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accggttaaca	accgttccca	cgcactgaac	gcgactaaac	gccgtttcct	gccgaacctg	120
cactctcacc	gtttctgggt	tgagagcgag	aagcgttttg	tcaccctgcg	cgtatctgct	180
aaaggtatgc	gtgtaatcga	taagaaaggc	atcgatacag	ttctgtccga	actgcgtgcc	240
ctggcgcaaa	agtactaa					258

<210> 2101

<211> 775

<212> DNA

<213> Enterobacter cloacae

<400> 2101

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ggaagtacag	acgcaacgat	atatattttg	cagagttatg	gattgtcggc	catattcaaa	180
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agtggtgcct	ggcgtcaggg	caaagtgggt	gtggtgacag	ggttttatgc	cacggcgctac	720
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<210> 2102

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 2102

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ggtacaggtc	acttctacac	caccacgaag	aacaaacgta	ctaagccgga	aaaactggaa	120
ctgaaaaaat	tcgatccagt	tgtacgccag	cacgtactgt	acaaagaagc	taaaatcaaa	180
taa						183

<210> 2103

<211> 876

<212> DNA

<213> Enterobacter cloacae

<400> 2103

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gttggcgcgga	ctattcttca	tgctgtcggt	cgcaacgggc	gtctgcgctg	gccggtgtcc	180
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cgtaagggtg	agccgtgcag	agcctgcggg	acgccgatta	ttgccacgaa	gcacgctcag	840
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<210> 2104

<211> 1395

<212> DNA

<213> Enterobacter cloacae

<400> 2104

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agagatactg	cgtcatctcg	tcatgaacta	ttggtttggg	taatatgtgc	caaaatttgc	180
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<210> 2105

<211> 1038

<212> DNA

<213> Enterobacter cloacae

<400> 2105

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1038

<210> 2106

<211> 1137

<212> DNA

<213> Enterobacter cloacae

<400> 2106

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<210> 2107

<211> 987

<212> DNA

<213> Enterobacter cloacae

<400> 2107

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ggcttcgcgc	agatccccac	ctggcatgaa	gcggttgatc	gcgtgatccc	ggtggccatt	180
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<210> 2108

<211> 1113

<212> DNA

<213> Enterobacter cloacae

<400> 2108

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<210> 2109

<211> 1086

<212> DNA

<213> Enterobacter cloacae

<400> 2109

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<210> 2110

<211> 1047

<212> DNA

<213> Enterobacter cloacae

<400> 2110

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<210> 2111

<211> 1311

<212> DNA

<213> Enterobacter cloacae

<400> 2111

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<210> 2112

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 2112

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<210> 2113

<211> 975

<212> DNA

<213> Enterobacter cloacae

<400> 2113

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<210> 2114

<211> 1218

<212> DNA

<213> Enterobacter cloacae

<400> 2114

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<210> 2115

<211> 1152

<212> DNA

<213> Enterobacter cloacae

<400> 2115

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<210> 2116

<211> 576

<212> DNA

<213> Enterobacter cloacae

<400> 2116

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<210> 2117

<211> 930

<212> DNA

<213> Enterobacter cloacae

<400> 2117

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<210> 2118
 <211> 1161
 <212> DNA
 <213> Enterobacter cloacae

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<210> 2119
 <211> 849
 <212> DNA
 <213> Enterobacter cloacae

<400> 2119
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<210> 2120
 <211> 483
 <212> DNA
 <213> Enterobacter cloacae

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<210> 2121

<211> 402

<212> DNA

<213> Enterobacter cloacae

<400> 2121

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<210> 2122

<211> 2907

<212> DNA

<213> Enterobacter cloacae

<400> 2122

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<210> 2123

<211> 1338

<212> DNA

<213> Enterobacter cloacae

<400> 2123

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<210> 2124

<211> 879

<212> DNA

<213> Enterobacter cloacae

<400> 2124

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atcatcgtcg	agttcttccg	ccagccggat	gcgcagttta	cgggtgaatg	ggtacagtac	780
atcagcatgg	ggcagatcct	ctccatcccc	atgattgtcg	cgggtgccat	tatgatgatt	840
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<210> 2125

<211> 801

<212> DNA

<213> Enterobacter cloacae

<400> 2125

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<210> 2126

<211> 579

<212> DNA

<213> Enterobacter cloacae

<400> 2126

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tttgcgcg	tcacatgat	cgagctgcgt	gcccgcgta	aaggtgaact	gaccgcccc	540
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<210> 2127

<211> 1851

<212> DNA

<213> Enterobacter cloacae

<400> 2127

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<210> 2128

<211> 360

<212> DNA

<213> Enterobacter cloacae

<400> 2128

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<210> 2129

<211> 2259

<212> DNA

<213> Enterobacter cloacae

<400> 2129

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<210> 2130

<211> 516

<212> DNA

<213> Enterobacter cloacae

<400> 2130

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<210> 2131

<211> 336

<212> DNA

<213> Enterobacter cloacae

<400> 2131

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<210> 2132

<211> 3387

<212> DNA

<213> Enterobacter cloacae

<400> 2132

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<210> 2133

<211> 3549

<212> DNA

<213> Enterobacter cloacae

<400> 2133

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<210> 2134

<211> 1353

<212> DNA

<213> Enterobacter cloacae

<400> 2134

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<210> 2135

<211> 726

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (53)

<400> 2135

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cagcgcgtga	tcgcgctaca	gcctatcagc	cagaaagacg	atgcgacccg	tctgtgcatt	660
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<210> 2136

<211> 1752

<212> DNA

<213> Enterobacter cloacae

<400> 2136

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<210> 2137

<211> 750

<212> DNA

<213> Enterobacter cloacae

<400> 2137

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cacaccacgc	gtaaatggga	accgggaatg	gcggaagaag	agacgcgatt	ctttgggctg	720
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<210> 2138

<211> 375

<212> DNA

<213> Enterobacter cloacae

<400> 2138

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tggttcggca	aaaacggact	gcacgactac	agccgggtga	gcgatgacgt	cgcggcacag	180
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ctcaatggcg	gccaggaggc	gattgaggag	cgcgcacgca	atgaactcag	tatgactaag	300
ccgggcgaaa	cgttttatcg	cctggttccg	gatgcgtcta	aacgcaatca	gggctccgca	360
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<210> 2139

<211> 558

<212> DNA

<213> Enterobacter cloacae

<400> 2139
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<210> 2140

<211> 843

<212> DNA

<213> Enterobacter cloacae

<400> 2140
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<210> 2141

<211> 199

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (86)

<220>

<221> unsure

<222> (157)

<400> 2141

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 cgccgtcgcc tgaacagct cgatttacat aagtttngtc ttcaaccgcc cagggcatgg 180
 aaggaccatg cctgggtat 199

<210> 2142

<211> 642

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (611)

<400> 2142

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gcgctggaaa	acgaaccgct	gcacagcccc	tttattatgt	cgcgaaatggc	gctggcggcg	180
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cagatccgca	cccgttacct	ttcgctgctg	ctgatggcgg	atattgccac	cgatgcaggag	480
gccgtgaccg	cgcaggcgct	ggggtttgat	tgtgtcggaa	ccacccttta	cggttatatg	540
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<210> 2143

<211> 1812

<212> DNA

<213> Enterobacter cloacae

<400> 2143

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<210> 2144

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 2144

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caccgtgggg	ttgtgctgtg	gtttaccggg	ctgtctggct	cgggtaaata	cacggtggca	180
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tacgaagcgc	ctgaatcccc	tgagattcat	ctggaaggct	aacaattggt	aacaaattta	600
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<210> 2145

<211> 810

<212> DNA

<213> Enterobacter cloacae

<400> 2145

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<210> 2146

<211> 273

<212> DNA

<213> Enterobacter cloacae

<400> 2146

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cgcggcgtca	tcgtgcgcgg	taacgggggt	caggtcatct	atggcccgca	cgtcaccatt	240
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<210> 2147

<211> 2397

<212> DNA

<213> Enterobacter cloacae

<400> 2147

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<210> 2148

<211> 1443

<212> DNA

<213> Enterobacter cloacae

<400> 2148

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cgaccgggat	tggttgtcgg	gacgggtgaa	attgccgata	gcaaaatcgc	cttcctgcaa	180
cgcgcggggg	cgcaggtgca	gatcgttgca	gaggcggatt	ttgcagagtc	acagatcgac	240
agcgtggtac	tggtgattgc	ggcaaccgaa	gatcgggcgc	tcaacagccg	aatctccgac	300
gcagcccagg	cccgtcaccc	cctggtgaac	gtggtagacg	accagccggt	atgttcattt	360
atcttcccg	cgattgtcga	ccgctcgccg	ctgctggtgg	cgatctcctc	cggcggcacc	420
gccccgggtg	tggcgcgcgt	gctgagagaa	aaaatcgaag	cgctgctgcc	gaccagcctc	480
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gaacagctta	ttcagcacgg	tcgcgatgcg	gcgacgccgg	tagcgggtgat	ctcccgcggg	1260
acacgcgtcg	atcagcatgt	cgccatcggc	actttacaag	accttgcaac	cctggcgaaa	1320
gacgccccaa	tgcccgcctt	gattgtggtg	ggagaagtgg	tcagctgca	cagcacgctc	1380
gcctggttcc	aacacacaac	cgacacagaa	ggctttggcg	cttctgttat	aaatttggct	1440
taa						1443

<210> 2149
 <211> 918
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2149
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 aaagattcca gcgtcatgct gcacctggcg cgtaaagcgt tttatccggg tacgctgccc 180
 ttcccgtgct tgcacgtgga taccggctgg aaattccgct agatgtacga gtttcgtgac 240
 cgtaccgcca aagcctacgg ctgcgagctg ctggtgcaca aaaaccgga aggggtggcg 300
 atgggtatca acccggttcgt gcacggcagc gccaaagcata ccgacatcat gaaaaccgaa 360
 gggctgaagc aggcgctgaa taaatacggg tttgatgcgg ccttcggcgg cgcgcgccgt 420
 gacgaagaga aatcccgcgc caaagagcgt atctactctt tccgcgaccg ctccaccgc 480
 tgggaccgga aaaaccagcg tccggagctg tggcacaact acaacggcca gatcaacaag 540
 ggcgaaagca ttcgcgtctt cccgctctcc aactggaccg agctggatat ctggcagtat 600
 atctatctgg aaaatattga gatcgttccg ctgtatctgg cggccgagcg cccggtgctg 660
 gagcgcgacg gcatgctgat gatgatcgac gacgatcgca ttgatttaca gccgggcgaa 720
 gtgatcaaaa aacagatggg ccgtttccgt actctcggct gctggccggt gaccggcgcg 780
 gtggaatcca gtgcgcagac gctgccggag atcatcgagg agatgctggg gtcgactacc 840
 agtgagcgac aggggcgcgt gattgaccgc gaccaggcag gctccatgga gctgaagaaa 900
 cgtcagggtt atttctaa 918

<210> 2150
 <211> 1434
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2150
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 gacgggaaaa gtaccctgat aggacgtctg ctgcacgaca cgcgccagat ctacgaagat 180
 cagctctctt ccctgcacaa tgacagtaaa cgccacggca cccagggcga aaaactcgac 240
 ctggcgctgc tggtagacgg cttgcaggcg gagcgcgagc agggcattac cattgatgtc 300
 gcctatcgct acttctctac cgaaaagcgc aaatttatta tcgcccacac cccggggcac 360
 gagcagtaca ctcgtaacat ggcgaccggc gcgtccacct gtgatctggc gatcctgctg 420
 atcgacgccc gtaaagggtg gctggatcag actcgtcgtc acagctttat ctctacgctg 480
 ctggggatca aacacctggg ggtggcgggt aacaaaatgg atctggtgga ctacagcgaa 540
 gcgcgattcg acgagatccg tcagagctac ctgacctttg ctgaacagct gccgggcaac 600
 ctcgatatcc gctttgtgcc gctgtcggcg ctggaagggg ataacgtcgc ctctcagagc 660
 gggaacatgc cgtggtacag cggcccgcgc ctgctggaag tgctggaaac cgttgaaatt 720
 cagcgcgtgg ttgataccca gccgatgcgc ttcccggctg agtacgtgaa ccgtccgaac 780
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 gatctggacg aagccggagc aggtgaagcg gtaaccctgg tactgaaaga cgaaattgat 960
 atcagccgcg gcgacctgct ggtcgacgcg caggaaacgc tggcgggcgg gcagggcgca 1020
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 aaaatcgccg gcaagaaaaa ccgcgcccgc gtggacggca ttcagttcca ggtggacatc 1140
 aacaacctga cccaccgtga cgtgagcgag ctgccgctca acggcatcgg tcttgtggat 1200
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 aacgcgcagg ctgccgtggc ctctgagttc agcgcgtttg agctggagct taacgcgctg 1380
 gtgcgtaagc acttcccgcg ctggggcgca cgcgatctgc tgggaggcaa gtga 1434

<210> 2151
 <211> 348
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2151
 gtcacggtca caggattagc tatgcgcaac agtgaaaact acatgattac caccgggtcg 60

gaaccggttaa	cgaccgacga	cgagacgacc	tggtccttcc	ctggggcgat	agtcggcttc	120
gtatcgtggc	tactggcgct	gggtatcccc	ttttgatct	acggtggtaa	caccctcttt	180
ttcttctct	atacctggcc	tttctttttg	gcgctgatgc	ccgttgcggt	ggttggtggc	240
gtggcgctgc	actccctttt	caacggcaag	ctcctgtata	gtacgctcat	cactatcgcc	300
accgttgtgg	tcactcttgg	cctgctgttt	ttatggctga	tgggctaa		348

<210> 2152

<211> 1080

<212> DNA

<213> Enterobacter cloacae

<400> 2152

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gaagatctcg	gttttgagcc	ggacggcgaa	ggcgagcaca	tcctggtgcg	cattctgaaa	180
aacggctgca	acaccgcgtt	cgtggcgagc	gcgctggcaa	aattcctcaa	tattcacgcc	240
cgcgaaagtga	gctttgcccg	tcaaaaagat	aaacatgccg	tgaccgaaca	gtggctttgc	300
gcccgcgtgc	ccggcaatgc	catgcccgat	ttaagcaaat	ttgagcttga	gggctgtaag	360
gtactggagt	acgcccggca	taaacgcaaa	ttgctgtctg	gagcggttaa	aggcaatgcc	420
tttactctgg	tggtgctgca	agtgaaccga	cgcgaaagac	ttgaaaaacg	cctgaaggcc	480
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aacctgcttg	gcgcgctgcg	ctgggcgcaa	agcgggtgcac	cggtgcgcga	tcgtaataaa	600
cgcagttttt	ggttgtcggc	ggcccgcagt	cgcttggtta	atcagattgt	gagcgaacgg	660
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ggaagctggt	ttgtggcaac	ggccgatgag	atggccgatg	tccagtcgcg	cgtggacgct	780
aaaacgctga	tgattaccgc	cgccctgccg	ggttcaggcg	actgggggaa	ccagggtgag	840
gcgctggccg	ctgagcagtc	agcgggtggc	gatgcgccag	aattacaatc	ggtgctggtg	900
cgggaaaagg	tcgaggcggc	gcgcccgtgc	atgctcctct	acccgcaaca	gctgagctgg	960
aactggtggg	atgacgtaac	cgctcgagtt	cgcttctggt	tgccggcgag	tagctttgcc	1020
accagtgttg	tcagggaact	tatcaacacg	tcgggtgatt	atgcgaatat	tgctgagtaa	1080

<210> 2153

<211> 363

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (348)

<400> 2153

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caaactcttc	tggaacaatt	acgcgcacag	gggattgcc	acgagcaggt	gctggatgcg	120
cttgcccagg	ttccccgtga	gaagtttgta	gatgaggcgt	ttgaacacaa	agcgtgggaa	180
aacgtggcgt	tgcccatcgg	gcaaggccag	acgatttcgc	agccctacat	ggtggcgctg	240
atgacggagc	ttctggagct	aacgccagat	tcccgggtgc	tggaaattgg	caccggttca	300
gggtatcaga	ccgcgatcct	ggccccacct	gtgcaccatg	tctgttcncg	tggaaacggat	360
taa						363

<210> 2154

<211> 1053

<212> DNA

<213> Enterobacter cloacae

<400> 2154

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cggcatattg	cgacggtctt	tccgggcccgt	atgaccggaa	cccagccga	gatgctctcg	180
gcagactata	ttcgtcagca	gtttgcggat	atgggctatg	aaagcgacat	tcgcgctttc	240
cacagccgct	acatctatac	cactcgcaat	aaaacgcaaa	actggcataa	cgtaactggc	300
agcacggtta	ttgcggcgca	cgaaggaaa	acggctgagc	agattattat	tatggcgcac	360

cttgatacct	acacgccgtt	gagcgcgatgcc	gatgtcgcata	ataatctcgg	cgggctgacg	420
cttcagggac	tggatgataa	tgcggcggtt	ctgggcgtga	tgcttgagct	ggccgaacgc	480
ctgaagaata	ttccgacgaa	atacagcatt	cgctttgttg	cgaccagcgg	cgaagaagaa	540
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ttcccggacg	ggaccagctg	gcattgatgtg	cggctggata	atcagcagca	cattgataaa	960
gcgctgccgc	agcggattga	gcaccgcagc	cgggatgtcg	tgaaagtgat	gctgccgctg	1020
gtgaaggagc	tggcgaaagc	ggggaaagcc	tga			1053

<210> 2155

<211> 1293

<212> DNA

<213> Enterobacter cloacae

<400> 2155

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aaaatgacac	atccaattat	cgaagctctg	cgtggcaacg	aagctcgggt	caactgaatta	180
cggcgctatt	ttcatcagca	tcttgaaatt	ggttttgagg	agcacaatac	gagcgatcgc	240
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gatgcgctgc	caatgcagga	aaacaacggc	aaggcgtgga	gtagtaccgt	tgagggtaaa	420
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gcggtgccag	aacataccgt	tgacgccacc	ctggttgcc	gtcatatcac	tatcgcgctg	780
cagtcgattg	tttcgcgcaa	cattaccccc	ttccagccag	ccgtcggttac	cgtaggcagc	840
attcaggccg	ggcacgcccc	caacattatc	aacgacaaag	tattgatgaa	acttaccgtg	900
cgcacgctgg	atgaacgcgt	gcggcaaacc	gtgctacagc	gtatccatga	tatcgccgtt	960
gcacaggcgg	aaagtttcaa	tgcgacggcc	accattcgac	acattaacgg	cagcccggta	1020
ctgaaaaaca	atccgcgaagc	caatgagatg	gtgcgcagcg	tcgccaccga	tctgttcggg	1080
caggatgccg	tcgcgagggt	gaatgcgttt	atgggcagcg	aagactttgc	tttcatgctc	1140
gagaaaaaat	ccaattgatg	ctatttcacc	cttggcgccg	gcgatgagcc	ggaccgctgc	1200
atggtacata	acccgggtta	cgactttaac	gacaacattc	tcctcacccg	cgcggcgctg	1260
tgggccgcac	tgaccgaaca	caatctgcgc	tga			1293

<210> 2156

<211> 1425

<212> DNA

<213> Enterobacter cloacae

<400> 2156

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tacgccggta	acgatcggtt	gctggcggtt	atcgtcatga	gcgttctgac	attctggctg	120
tttgcccagt	cggttatcaa	cgtgggttccg	gccatgcaga	atagcctcga	tattgccctc	180
gaaaccctta	cgttgccgtt	cagccttagc	gcgttggtca	gcggctgttt	tgctgcgcgc	240
tgccggtggg	ttgccgataa	gtatgggcgc	atgcgcctga	ccatgattgg	cctgatactg	300
agcatgatcg	ggagtgggtt	gctgttcatt	tcatgggagc	ccgtcctgtt	tctgttgagg	360
agagcgatac	aggggctatc	agcggcctgc	atcatgcccg	ccacgctggc	gctgattaag	420
acctggtatg	acggtaaagc	acgccagcgc	gccatcagct	tttgggttat	cggctcctgg	480
ggcggcagtg	gcctgagctc	gtttgtggga	ggcgccatcg	ccaccacgct	gggctggcgc	540
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acggccagt	ccgcgcagta	tgccttgctt	ttcaacagt	cgatttgcc	tgggtcggca	1380
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<210> 2157

<211> 534

<212> DNA

<213> Enterobacter cloacae

<400> 2157

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tgtgctttcc	ggtactatgc	ggcgggtttt	tccgcattcc	tgagagctat	gatgtccacc	180
acactgttta	aagattttcac	cttcgaagcc	gcacaccacc	ttccacacgt	tcctgccggg	240
cacaaatgtg	gccgcctgca	tggacactcg	tttatgggtg	gtcttgaaat	caccggtgaa	300
gtcgatcccc	atacgggctg	gatcatggac	tttgccgaac	tgaaggccgc	gtttaagccg	360
acctacgata	gtctcgatca	ctactatctg	aatgatattc	cgggccttga	aaacccgacc	420
agcgagggtg	tggcgaaatg	gatttgggat	cagatgaaac	cgctgggtgc	gctgctgagt	480
gcggtgatga	tcaaagagac	ctgcacggca	ggctgcgtct	accgcgggga	gtga	534

<210> 2158

<211> 324

<212> DNA

<213> Enterobacter cloacae

<400> 2158

catttcggg	cgattagctg	gttgcatatc	aatggacgtg	agtggaagca	tatccgcgaa	60
gtgctgattt	acgcctttat	ttatgaaggt	gttcccagct	gggacaagac	tgatggtgtg	120
gtcaccattc	atgtgccgga	tcaaccgccc	attgagaccc	gcctgaccga	aggtgaaaac	180
cgtcgcacat	tgtgcgccat	tgccagactc	gtaaaccgaa	acggcgcaat	taaagtcgag	240
cgaattaacc	agtacttcaa	aggccaggac	gaaatggacc	gggcatttgg	ctggggattt	300
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<210> 2159

<211> 306

<212> DNA

<213> Enterobacter cloacae

<400> 2159

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gtcactcaac	agacatactc	tcgtctggaa	gccaaacctg	ccagtgcgag	cattgaacgg	180
ctattttaagg	tgtttaccgt	cctgggtgta	aaaatcagtt	tctcctcggc	aaccacttct	240
tcagagagga	agcagacgga	agacatatat	aaattaaatt	cacctgcacc	acaggaggat	300
tggttaa						306

<210> 2160

<211> 828

<212> DNA

<213> Enterobacter cloacae

<400> 2160

gaagagatca	agatgagaga	gccaaagacca	cgccatacct	tcaggtcat	tcgtgtacct	60
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cggtacaatc	cgtctaattg	catcctgatg	actccaacaa	tgcattgcgt	gtttgatgcc	660
gatcttatgg	gtatagatcc	ggccaccctg	accgttcatt	ttaagccagg	cattgaggtg	720
ggcgagctgt	ttgaaggccg	taaaatcaca	ccgctggtgt	acgatctgga	cttagagcgg	780
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<210> 2161

<211> 525

<212> DNA

<213> Enterobacter cloacae

<400> 2161

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ggcagtgacg	tcattcgctg	cgcgaaaatg	gacgaacagt	ggggatacgt	cggggctaaa	180
tcgcgccagc	gctggctgtt	ttacgcgtat	gacaggctcc	ggaagacggt	tgttgccgac	240
gtattcggtg	aacgcactat	ggcgacgctg	ggcgctctta	tgagcctgct	gtcacccttt	300
gacgtggtga	tatggatgac	ggatggctgg	ccgctgtatg	aatcccgctt	gaagggaag	360
ctgcacgtaa	tcagcaagcg	atatacgag	cgaattgagc	ggcataacct	gaatctgagg	420
cagcacctgg	cacggctggg	acggaagtcg	ctgtcgttct	caaaatcggt	ggagctgcat	480
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<210> 2162

<211> 588

<212> DNA

<213> Enterobacter cloacae

<400> 2162

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aaggaaaacg	gtatgagctt	tttcgacaaa	gttaaagggt	ccattaaact	aggccgtgac	180
gaactgacct	gccagggttg	ccgtttcaaa	aacaaaaaat	tcattgcagg	caccgttgct	240
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atgaaataca	tcctggcgct	gaaagatcag	cctgaggccg	ctcagctggc	cttacgtgtt	480
ggtattgccg	ttgcgaaaag	tgacggtaac	ttcgatcagg	acgagaaact	ggcctccgc	540
gagatcgcta	tcgcgttggg	cttcgacccg	gctgaatttg	gcctctga		588

<210> 2163

<211> 633

<212> DNA

<213> Enterobacter cloacae

<400> 2163

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gttgctatgg	ttggcctagg	ctgggatgcc	cgtgtaaccg	atggtcaggg	ttttgacctg	180
gacgcttccg	tgcttcgagt	aggcgaagac	ggtaaaagt	tgctcagatgc	gcatttcatt	240
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cgatcatggcg	ctgagtgga	gtttaaagct	gtcggtcagg	gctttgccgg	tggcctggcg	600
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<210> 2164

<211> 1263

<212> DNA

<213> Enterobacter cloacae

<400> 2164

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acctgcctgt	tcctgcttaa	tgctcagggg	aaggtcagcg	gcgattctga	ctttatcttt	180
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gataatctac	tggagaagaatt	cagaccgtgg	atcgatgaaa	caaaaagggt	aggcatcctt	1260
taa						1263

<210> 2165

<211> 1359

<212> DNA

<213> Enterobacter cloacae

<400> 2165

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gaataccttc	ctgaatgggt	tgtgacgaa	cagggaaggc	cgctgtcatt	gtcccttctt	180
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ctcccggaca	gcgaaggcat	acgcagacgt	ctggcaatgc	gttacaaggc	cgatagcctg	300
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cgtgttagcg	ggcttcttcc	ggaccagttc	ccccagcagc	ttgcggaaag	tatttttgat	1320

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1359

<210> 2166

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 2166

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acatggcaac	tgcagttcac	ttacaccgct	tctcaaccgg	gtacgcacca	gaaaatcatt	180
gatatggcca	tgaatggcgt	tggatgccgg	gcaaccgccc	gcattatggg	cggtggcctc	240
aacacgattt	tccgccattt	aaaaaactca	ggccgcagtc	ggtaa		285

<210> 2167

<211> 1044

<212> DNA

<213> Enterobacter cloacae

<400> 2167

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<210> 2168

<211> 606

<212> DNA

<213> Enterobacter cloacae

<400> 2168

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<210> 2169

<211> 234

<212> DNA

<213> Enterobacter cloacae

<400> 2169
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 ccgcccggaca tcagcgctat ctctgctctc actgccgtaa aacatggcaa ctgcagttca 180
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<210> 2170

<211> 2043

<212> DNA

<213> Enterobacter cloacae

<400> 2170
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<210> 2171

<211> 2448

<212> DNA

<213> Enterobacter cloacae

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<210> 2172

<211> 1026

<212> DNA

<213> Enterobacter cloacae

<400> 2172

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acacggccaa	agttaatcga	atttttggcg	acatgccccg	ctacaaccat	cgcaatggaa	180
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gcataa						1026

<210> 2173
 <211> 297
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2173
 tgccccgatga ctttgtcatg cagctccacc gattttgaga acgacagcga cttccgtccc 60
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 ttgctgatta cgtgcagctt tcccttcagg cgggattcat acagcggcca gccatccgtc 180
 atccatatca ccacgtcaaa ggggtgacagc aggtcctata gacgccccag cgtcgccata 240
 gtgcggttcac cgaatacgtg cgcaacaacc gtcttcggga gcctgtcata cgcgtaa 297

<210> 2174
 <211> 1083
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2174
 gccgctgtac actcgactgc ttcaagaagc actacttacc atttgcctgc cgtaaggctct 60
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 caatacgtt acgcgctaga cggcgagggc accctcacgc acattggcgc tgccctgcgc 180
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 aacgctaagc actttcgcca ttcggaagaa tgctgtgcc ttgaaacctt tcttcacaag 300
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 aaggcaaaga tcgttcccta caccgaggcc cgtcagtgcg ccaattacaa gggttaaggca 1080
 tga 1083

<210> 2175
 <211> 2628
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2175
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 cccggaatac tcaggcgata cgtcttgtac ctctatatg agactctgaa acagagactg 120
 gatgccatca atcaattgcg cgtggatcgc gcgcttgctg ccattggccc tgctttccag 180
 caggtatata gtcttctgcc gacattgttg cactatcacc atccgctaata gccgggttac 240
 ctcgatggtg acgttccccg gggcatttgc ctcttcacgc ctgatgaaac ccaacagcat 300
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 ggccgctgga gtcctctgtc cgccgaagag tactttggcg caagcctctg gcagcttat 840
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<210> 2176

<211> 888

<212> DNA

<213> Enterobacter cloacae

<400> 2176

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acgcagaatg	tctttttctc	cccggaaactg	atccgtcgtc	tggcggatcg	acacgtgggc	180
gtggggtttg	accagctgct	ggtggtggag	ccgccttacg	atcctgacct	ggactttcac	240
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<210> 2177

<211> 750

<212> DNA

<213> Enterobacter cloacae

<400> 2177

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cgtaccgagc	aggagtcgct	ggcgtttgtg	cagaactacc	atcctgcgct	gaaaacgatg	180
cagaacaaag	acttccagaa	gctgcgtcag	tccttgccgg	aaaccgagcc	ggaaatttac	240
catgacgtga	ccgaatggcg	ccgccgtgcg	gttgagcagg	cgatgctcaa	tgcgggcctg	300

agcgcgcagg	acgcggccac	gggtgccgaa	gcggccatgg	aaaactttgc	caaagtggcg	360
agtcggatcg	acgtgccgca	ggagacccac	gacacgctgg	cgaagctcgc	cgaaaagtgg	420
ccgctgggtg	ccatcaccaa	cggcaacgct	cagcctgaac	tgtttggtct	ggggaactat	480
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gaaaatgccg	atctgatgac	tacgccggat	agccgtcttc	tgccgcacgt	ggaaatttca	720
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<210> 2178

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 2178

tggtctgaaa	cccaatttgt	ttctgtgtgc	ccaccgaact	gtccgatatt	ttttgcattg	60
ggagtcccgg	tcatgttgag	cgcatttcaa	ctcgaaaata	accgactgac	tcggcttgaa	120
gccgaagagt	cacagcccct	cattgatgcc	gtatgggtgg	atctggtcga	gccggacgac	180
gatgagcgcc	ttcgcgtaca	atctgaactg	gggcaaagcc	tggcgacacg	cccggaaactg	240
gaagacatcg	aagcatccgc	ccgttttttt	gaagacgaag	acggcctgca	cattcactcc	300
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atgctgcccc	gcagccaggc	gatgatggac	ggcaacgctt	atgagctgct	gctggatctg	480
ttcgaaaacca	aaatcgaaca	gctggcggat	gaaatcgaaa	acatctacag	cgacctggaa	540
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acgctggcag	agctggaaga	tatcggtctg	aagggtgcgtt	tgtgtctgat	ggataccag	660
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ttaa						1023

<210> 2179

<211> 924

<212> DNA

<213> Enterobacter cloacae

<400> 2179

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gcgacgatca	aagaggtgca	tgataaacct	gccgttaagg	gcagcatcat	cgccaatatg	180
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cgtaaaagatg	aggtgaagtt	ccagctcagc	ctcgcttccc	cgttctggcg	cggcatcctg	360
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<210> 2180

<211> 1896

<212> DNA

<213> Enterobacter cloacae

<400> 2180
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gaaacctttg gctaccagca gttccgtcct ggccaggaaa ccatcattga aaccgtgctg 180
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<210> 2181
<211> 471
<212> DNA
<213> Enterobacter cloacae

<400> 2181
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gtcgacgatc tggccgcgtt ctggcagcag gaagtgcagc ccggaccgtg gcgcaagcgt 420
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<210> 2182
<211> 459
<212> DNA
<213> Enterobacter cloacae

<400> 2182
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<210> 2183

<211> 909

<212> DNA

<213> Enterobacter cloacae

<400> 2183

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<210> 2184

<211> 2217

<212> DNA

<213> Enterobacter cloacae

<400> 2184

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accaacaagg	cagcggcgga	gatgcgccac	cgtatcgcac	agctgatggg	caccagccag	300
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<210> 2185

<211> 651

<212> DNA

<213> Enterobacter cloacae

<400> 2185

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tttgccctac	cggcgatgcg	tcgcggctac	cagcgcatcg	cgaagtggat	cgacggcttc	600
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<210> 2186

<211> 723

<212> DNA

<213> Enterobacter cloacae

<400> 2186

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ccggaagcca	aagctatcgg	ctcggtgccg	atgtcgctga	tggggcgcg	tggtagcctg	600
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ctgttgacgg	agatcgccct	gatgctgcct	gagctgctgg	agcgctggat	tgagcgcgta	720
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<210> 2187

<211> 645

<212> DNA

<213> Enterobacter cloacae

<400> 2187

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catattgtgc	tgggtgggat	tggctctggg	acgctgttct	cccgttcggg	gctggccctc	240
gaggtgctga	aattgggctg	cgcagcgtat	cttatctggc	tgggtattca	gcagtggcgc	300
gccgcaggct	cgattgatct	gcatacgctc	tcccggacgc	aaacacgcgg	ccacctgttt	360
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ttccccgcagt	ttatcgtgcc	gcatcagcca	caggtgatgc	agtacgtggt	gctgggcgca	480
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gcggcgtgga	tcaaagggcc	taagcagatg	aaggccctga	acaaagtfff	tggttcgcgtg	600
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<210> 2188

<211> 1254

<212> DNA

<213> Enterobacter cloacae

<400> 2188

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acgtcacagc	cagagacgac	agacacaacc	gttgagaaga	aaaacggcag	caataaaacc	180
agcctcacgc	tgagcgtgat	tgccatcgcg	attgcgctgg	ccgcaggcgt	gggtctctac	240
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atcactgccc	tacagaaagc	gcaggagacg	caaaaagctg	agctggaagg	tgtgatcaaa	360
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<210> 2189

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 2189

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aagctcgtgg	gcgagatfff	tgtgtaccac	atgccgttca	accgtgcaact	gggtcttgag	180
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ggacgcggaa	accgcttcac	ctgtaccagc	agcatgctgc	gcgccgggaa	taaagttgcc	480
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<210> 2190

<211> 909

<212> DNA

<213> Enterobacter cloacae

<400> 2190

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<210> 2191

<211> 756

<212> DNA

<213> Enterobacter cloacae

<400> 2191

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gagcgtctgg	cgaaccacgc	ccgggaactg	ggctggcagg	atattcggat	cgctgaaaac	720
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<210> 2192

<211> 360

<212> DNA

<213> Enterobacter cloacae

<400> 2192

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agcgatatcg	attgtgaaat	caacggcggg	atcctgacct	taagcttcga	aaacggcagc	180
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<210> 2193

<211> 966

<212> DNA

<213> Enterobacter cloacae

<400> 2193

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ggattacgcg	ttgagctggt	gccaatgggt	acgcgtggcg	atgtcatact	ggatacgccg	180
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<210> 2194

<211> 1224

<212> DNA

<213> Enterobacter cloacae

<400> 2194

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<210> 2195

<211> 1224

<212> DNA

<213> Enterobacter cloacae

<400> 2195

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<211> 3081

<212> DNA

<213> Enterobacter cloacae

<400> 2196

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 <212> DNA
 <213> Enterobacter cloacae

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 <213> Enterobacter cloacae

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 <211> 2013
 <212> DNA
 <213> Enterobacter cloacae

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<210> 2200

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 2200

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<210> 2201

<211> 1212

<212> DNA

<213> Enterobacter cloacae

<400> 2201

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<211> 2424

<212> DNA

<213> Enterobacter cloacae

<400> 2202

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 <211> 1434
 <212> DNA
 <213> Enterobacter cloacae

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<210> 2204
 <211> 537
 <212> DNA
 <213> Enterobacter cloacae

<400> 2204
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 gttgataacg tggccgttgg cgcgaacgta cgctgttgc agggcgctgt tttcattgag 180
 ccattttccg tcgaactggc ggttgttctt caaccgcgcg ccgctgattt tcagcagttc 240
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<210> 2205
 <211> 981
 <212> DNA
 <213> Enterobacter cloacae

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 gaagagctgc tggcgctggg cgtgacgggc gcggaatacg acgcatgggt gatccgcatt 360
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gcaaaagatg	tggcgaatcg	tccggccgtg	aaacgcgggc	gcattgttaa	ccgtaccaac	900
ggcgagctga	acgagcagtt	gcatgagcgt	cattcagcaa	gcgacttcga	taccagacg	960
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<210> 2206

<211> 281

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(180)

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<221>unsure

<222>(194)

<220>

<221>unsure

<222>(199)

<400> 2206

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tcaccggcgg	caagaaagac	accaccgtct	tcttcgcgc	ggataaaacc	gtcgattatn	180
gaaaaaccca	nttnggggna	atgaaggtaa	tggacacgct	gcatcaggcg	ggctacctga	240
agatttgtct	ggtcggcgaa	gagaaagcgg	ccgcgaagta	a		281

<210> 2207

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 2207

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gccagcggta	ttccactggg	tgctgctttg	ggccacggtc	tggaaaatgc	ccggcttgcc	120
gtgcccggg	ttttcacctc	cggggttttc	accaccagga	ttctcaccgc	caggattttc	180
acctccgggg	ttttcaccgc	caggattctc	accgccaggg	ttttcgctc	cggggttttc	240
accaccagga	ttctcaccgc	cagggttttc	gcctccggga	ttttctctc	caggattctc	300
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ggaggtcaaa	atgcggtagc	tttgcccgtg	tttatagctg	gtttgcggat	ccagcgcggg	480
gacctgtacc	ttagcctgat	tgctgatggt	ggttttgcc	gataaccagta	g	531

<210> 2208

<211> 645

<212> DNA

<213> Enterobacter cloacae

<400> 2208

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aatgaggatg	attgtctaccg	acaaattaga	gatcatggcc	cgccacgttt	gctggtaatc	180
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gccgttttcg	cgctcactga	taatcagacc	tggtttcctg	agggaaacga	aatttccgtt	420
aaggccaata	atgagaagtt	aagtaaattt	aacttaacgc	cgcgacaaat	agacgtgtta	480
aatatgatta	ggcgcgccct	gccaaataaa	cgaatcgccg	cacagctttc	aatttctgag	540
cccacggtca	aagaacacat	cagcaatata	ttgaaaaaga	taggcgttaa	cagccgggtt	600
gaagccatca	cgcttctgca	tggcaagcag	gaaccgtcgg	aatga		645

<210> 2209

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 2209

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gcaatgtatg	cctctcgctg	gctgctcgca	cccgtctatt	ttggtctctc	cctggcgctg	120
gtcgccctga	cgattaagtt	ctttcaggag	atattccacg	tcctgccaaa	cattttctcc	180
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gccgagcaca	aagaaaagct	cagctggctg	gggaaaatgg	acgcctcatc	gctgaagaat	360
aaagtcgcgg	cgtcgattgt	tgcaatttcg	tctattcacc	tgttacgcgt	ctttatggac	420
gcgaaaaacg	tcccggataa	taagctgatg	tggtatgtga	ttatccacct	gacgtttgtg	480
ctgtcggcgt	ttgtgatggg	gtatctggat	aagatcagta	agaaataa		528

<210> 2210

<211> 1677

<212> DNA

<213> Enterobacter cloacae

<400> 2210

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gaatactcaa	tgaagatgct	tcgtaatttc	accatccgtt	tcgtcatgct	gacgatactg	180
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gtttctgatg	gtaatgacgt	tgaccgcctg	ctggtccggc	aatgacgggt	gctgagccag	300
ggcaacgatc	agtattttccg	tttcgtcacc	cgctgagccc	gggcaatgga	agttaaagcg	360
cgggcgcgca	cgccggacct	ggctcctgct	cagcaggcgc	tggtataacat	gagtaaaaag	420
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<210> 2211
 <211> 1872
 <212> DNA
 <213> Enterobacter cloacae

<400> 2211
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 ggcaagtttg ttgaccgcaa gaatatctac cagcagctat ggtgcctgcc gaaggttgac 1800
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 aaggataact aa 1872

<210> 2212
 <211> 390
 <212> DNA
 <213> Enterobacter cloacae

<400> 2212
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<210> 2213
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 <212> DNA
 <213> Enterobacter cloacae

<400> 2213
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cccaccaccg	agctgtaccc	gatgtcaaaa	atcaacgaag	cgatccagca	cgtgcgcgac	1020
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<210> 2214

<211> 2880

<212> DNA

<213> Enterobacter cloacae

<400> 2214

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<210> 2215

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 2215

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<210> 2216

<211> 603

<212> DNA

<213> Enterobacter cloacae

<400> 2216

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<210> 2217

<211> 1572

<212> DNA

<213> Enterobacter cloacae

<400> 2217

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<210> 2218

<211> 4503

<212> DNA

<213> Enterobacter cloacae

<400> 2218

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<210> 2219

<211> 1428

<212> DNA

<213> Enterobacter cloacae

<400> 2219

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<210> 2220

<211> 1665

<212> DNA

<213> Enterobacter cloacae

<400> 2220

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<210> 2221

<211> 1032

<212> DNA

<213> Enterobacter cloacae

<400> 2221

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<210> 2222

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 2222

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<210> 2223

<211> 675

<212> DNA

<213> Enterobacter cloacae

<400> 2223

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aaagcgggct	ttagcgtttc	tgacgaccgt	actggtactg	cgccaaacat	tatggttaaa	300
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<210> 2224

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 2224

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accattgagc	tgctgaatcg	ccagggtggc	cagttcatcg	atctttcgct	gatcaccaaa	180
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<210> 2225

<211> 741

<212> DNA

<213> Enterobacter cloacae

<400> 2225

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ccgtccggtt	ccggtaaatc	caccctgctg	cgctgcatta	acaagcttga	ggagatcacc	180
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<210> 2226

<211> 2328

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (1615)

<400> 2226

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<210> 2227

<211> 300

<212> DNA

<213> Enterobacter cloacae

<400> 2227

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cttgatgacc	ttcagaacaa	gctggccgaa	aaagcgcgct	aggaaggggc	taaaggcttc	240
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<210> 2228

<211> 2583

<212> DNA

<213> Enterobacter cloacae

<400> 2228

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<210> 2229

<211> 513

<212> DNA

<213> Enterobacter cloacae

<400> 2229

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<210> 2230

<211> 1224

<212> DNA

<213> Enterobacter cloacae

<400> 2230

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gtgcgcgccc	tgtgcgttaa	agagacgcgg	cagatcgtgc	gcgatcccag	cagctggctg	180
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cgctacttcg	tgagcacgct	gcaaagcctg	ttcctggcgg	ggaatatcc	ggtagtgctg	1140
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aaaaccaaac ggcggttaga ttaa

1224

<210> 2231

<211> 816

<212> DNA

<213> Enterobacter cloacae

<400> 2231

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ttcccgaaca	tcgacaacgc	ttacatggaa	ctgggcacca	atcgcgcgga	tgcggtgctg	600
cacgatacgc	ctaacatcct	ttacttcatc	aaaactgccg	gtaacggcaa	gttcaaagcg	660
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ctgcgtaaca	aagttaacgg	cgcactgaaa	accctgaaag	agaacggcac	ctataacgaa	780
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<210> 2232

<211> 729

<212> DNA

<213> Enterobacter cloacae

<400> 2232

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ggcgctaaaa	tgacctgtg	gatttcggtc	ctcggtctgg	ttggcggtt	gattatcggt	180
cttgtcgccg	gtttcgcccg	cacctacggt	ggctggattg	caaatcacat	cgactgggtt	240
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ctgccgatgg	ccttcaccga	cctgcgcatt	gacccgttca	gcgccgccgt	tgtcaccatc	360
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gtgatcctgc	cgctggcgct	gcgccgcag	ctgccgcgc	tgggtaacca	gtggatcatc	540
agcatcaaag	acacctcgct	gtttattggt	atcggcggtg	ccgagctgac	ccgtcagggc	600
caggagatca	tcgcgggtaa	cttcgcgcgc	ctggaaatct	ggagtgcggt	cgccgttgtc	660
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atcctgtga						729

<210> 2233

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 2233

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ggtgaagggc	agattaattt	caccggagaa	attatcgatt	ctgcttgcca	ggctgtgaat	180
ggattaagta	atccattaga	tgttcagttg	ggaaaagtat	ctaaaacggg	atttaccggg	240
gcaggctcta	ccagcacatt	aacgaagttt	gatattaagt	taaccaattg	tccggaaacc	300
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gggcagcctg	tcagcctgta	tacccttcgc	aagcaatata	ctttagcctc	cggcacggcg	480
gttaacgata	tggagttcgg	tgcgcgttat	attcaaacc	aggcggcagt	caccgcgggc	540
cctgctaact	ctgtatcaac	cttcaccggt	atttataact	ga		582

<210> 2234

<211> 684
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2234
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 aacgtcggag gttctaccgt cgcgtattcc attattaccg attacggcag catcagtcag 660
 acatggtcta aaccggttca ttaa 684

<210> 2235
 <211> 1065
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2235
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 gccgcgttat ttatgccgca tgcgaaggcg acctgcacca cgcgcgatct gcccaaatg 180
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 gatgaccgca ttgcgacctt tgatacctac tcaacactc aaagccaggc cgttgccaat 960
 gaaacgctgg agatccccct tcaggttcgc tcagagcaga tcagcgatgt ggtgacgccc 1020
 ggccccgcca acaccgtagc aaccatcact ctgcctata agtga 1065

<210> 2236
 <211> 1035
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2236
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 cagcaggatc gtggcctgac gctgtatggc aacgtggata tccgcaccgt gaacatgagc 180
 ttccgcgttg gcggacggct ggcctcgctg aacgttgacg aaggcgatgc catcaaagcc 240
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gaacgacatg	aatga					1035

<210> 2237

<211> 285

<212> DNA

<213> Enterobacter cloacae

<400> 2237

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agtttgacgg	aatgcgaaga	gtgcggagat	ccgattcctg	aggcacggcg	taaagccatt	180
cctggcgtac	ggctatgtat	tgcctgtcag	caggagaaaag	attcgaaaaa	tgcgacacat	240
tcaggatata	atcgacagag	atcgaaaagac	agccagttac	gttga		285

<210> 2238

<211> 264

<212> DNA

<213> Enterobacter cloacae

<400> 2238

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gtgagtgtcg	aaggcgcgac	cacgctggac	ggtctggaag	ccaaactggc	ggaaaaagca	180
gccgctgccg	gcgcaagtgg	atacaccatc	acgtccacta	acggtataata	caaactgagc	240
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<210> 2239

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 2239

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gaagtgtctg	ccttccgtct	ggggcggtg	accatcctgt	tacgtacggg	ctggacacaa	600
ttcgatgagg	ataaagccgc	gcaaattagc	caggtcatta	cctgtcacgt	tgatctgatc	660
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<210> 2240

<211> 1755

<212> DNA

<213> Enterobacter cloacae

<400> 2240

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acggtgatgg	aaaacctcaa	cctgtacgcc	gacctgcgca	gcgtcaccgg	cgaaacccgg	360
gagaaaacct	tcgcccgcct	cctggaattt	acctcgctcg	gcccgttcac	cgaccggctg	420
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<210> 2241

<211> 1407

<212> DNA

<213> Enterobacter cloacae

<400> 2241

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gcgggcttta	ccctgccgct	gctggagctg	ttggtaaaaa	accagccgca	cgccaaaggc	240
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<210> 2242

<211> 309

<212> DNA

<213> Enterobacter cloacae

<400> 2242
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<210> 2243
 <211> 435
 <212> DNA
 <213> Enterobacter cloacae

<400> 2243
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<210> 2244
 <211> 2256
 <212> DNA
 <213> Enterobacter cloacae

<400> 2244
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ccagaagtgc	cggaggtaaa	aaaacgcccc	gcaaaaccct	ctgccgggcg	tacaaaaagc	2220
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<210> 2245

<211> 996

<212> DNA

<213> Enterobacter cloacae

<400> 2245

caagatgatg	ctgtcaggag	aaatgtcgtg	gattaccgca	aaattatcaa	agaggtaggg	60
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atgctgaatg	gcgacgtgcc	ggagctggaa	atgggcggca	ttctgattgc	gctgcgcatc	180
aaaggggaag	gtgaggcgga	gatgcggggt	ttttatgagg	ccatgcagtc	gcagacgatg	240
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ggcgcgcgta	agcaggcaaa	cctcacgccc	ctgctggcta	ttctgttgca	gaaactcggg	360
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cagtgcgatc	agctgcaaat	ggcctgctgc	ctgctggcgg	caggggaagt	ggcatccgtg	960
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<210> 2246

<211> 1026

<212> DNA

<213> Enterobacter cloacae

<400> 2246

cgatcatag	acatacaggt	cgctgatttt	tgctggtttt	ttgtgcgtct	cagacagtta	60
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tcccaaaagc	cgggattgca	cccgcgtaac	cgccaccgta	gccgctacga	catgaaagcc	180
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ccgctttacc	gcgcgctgac	cgacgtcggc	gcggtgaaag	tggttaaaaa	agagatggcg	960
cagggccaga	agcagagccg	ctttattgcc	tggtccttta	tggacgataa	caaacgccgc	1020
aaataa						1026

<210> 2247

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 2247
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 accccagaca ccgaccaatc cggaaccgag cgttcgttaa ttgtgggata ccgcccgaat 180
 gttttcgaca aatctacgcc gaaaatcatc ctttcggca agtggctgcg cgcgcgggg 240
 tttgataccg gacagcaggc cacggtaaag gtcatgaaag gatgcatcgt tctgggtggcg 300
 tataacgagc aggagcagag gttgcaggat gattataaac ggacgaaagc aaagcttatt 360
 gagatagaga aagcgcttgc agcgatccaa attccacatg ctggaaagcg cctcgcaaaa 420
 tcaaatataa accatctggc ttaa 444

<210> 2248
 <211> 735
 <212> DNA
 <213> Enterobacter cloacae

<400> 2248
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 cattgcttcg agaatactgg cgataacctt ataaataatt cgcttgatta ctattataaa 120
 tcgaggaata acatgacgaa caatagccaa ataacacagc atataactgt tgcactgatg 180
 ggcggcgacg attatgcaag aaacggcatt aaaacattat taagcagcat ccgcgacgac 240
 cttcacatca ttatcatcga aggaggttat cagcaactgg ataaggcgct gtcgtcgtatt 300
 cgtatcgata tcttattttat atctggcgca gagaaatacc atacaggga tgactcactg 360
 aaatatttaa aaaaaatcaa agccacgcag cctgaagtga tgatctgcct gtactcaacc 420
 tctgcccatt ccctgttatg ggtccgggaa gatattgatg cctatatctc gctacagaac 480
 acggtttatc agtggcggat aaagctagca aaaatggtcg atagccatta tcggccccaa 540
 aagcagccag cggcgttatc gctgacgcct ggagaaagga gggattataa ggaactcagg 600
 aacggactgg atatacgtta catcgagaa ctggagaaac tttcttatcg ccgcgtgagc 660
 gccttaaaaa gctcagcgat aaggaaaactc gggctcagga ataagacaga tttgctggtc 720
 tttttaacca gttag 735

<210> 2249
 <211> 771
 <212> DNA
 <213> Enterobacter cloacae

<400> 2249
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 gccgggtctg actcagcttt caggagacgc acaatgcgcg taaacacatg gattttgtctg 120
 gctggcacgt tatgttcate cgccgtgtac gcaggcgcg tgggggttagg cgcaacgcgg 180
 ctggtctacg caggcgcggc tacgcagacg atgatgcagg taagaaatac ccaccctgat 240
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 gtcatcacgc cgccgctgta cgtcatgaag cccgccagcg aaagcgcggt gaaaatcatg 360
 ttcagcggca acgccctgcc atccgatcgc gagacgctgt actggatgac ggtcaaagct 420
 atcccacagc aggttaaaaa cggttccggc aattcgctgc aattcgctc tgccaaccgc 480
 atcaaggctt tttatcgccc ggagcggtc aggggaaggtg caggggaggc atggaaaaac 540
 cttgccggcg cctaccgcgc gggcaaggtc acgctgacca acccaacgcc gtattacctc 600
 accaccatta acgtgaaaa t gatggcagg ccggtatcgc ccgtcatggt accgccgaaa 660
 gccagcgtga cgctggcaga caccctcagc catgcgagca gcatgagcta ccagacgatt 720
 aacgattatg gggcctggac gcccgtcacc cgcacgtcat tgtcccaata a 771

<210> 2250
 <211> 1110
 <212> DNA
 <213> Enterobacter cloacae

<400> 2250
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 agacgtttcg gcagtggcga cctggacgac ggagtatcaa taatgcgttt actgttttta 120
 gccctgtttt tcatgtcctc tcaggcgctt gccctctcct ggacatcgga tatcaccctt 180
 tcgccaacgc ccatgtcgtg gtccggcccc gcagactcca tcgtgcctgg aaagacgacg 240

ggctctgaat	ggagcgcctc	tgcgagcgtc	tcggaagtgt	tctgggtgcgg	cctgggtat	300
acctgctcca	aagggacgct	ggagccgagc	agcagtataa	ccgccaccgg	catcacggtt	360
attcttgatg	gcgcaaatta	catggtat	gaaacggg	tgcccgcat	cggcttcatt	420
cttgggctca	aagattataa	cggcaccacc	tatgtgccga	tgacagcggg	cattacgcag	480
agctatccgg	ccgatgggac	taacggttac	gccaccgcac	tgggctggtc	ggcaaaagt	540
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accaccatca	cgggtgacggc	aagcggctgc	acggtaggca	caaaaagcgc	caacgtcgac	720
ctggggacca	ttgatgttca	cacactgccc	agcgtaggca	gcacctcgcc	gtcgggggag	780
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gccgcaggca	cgacggggaca	gtttttcatc	cagaccacca	gcgcagcaca	aacgctgtcg	1020
ctgccgttcc	aggcgcagta	catccgaacc	ggagacctgg	tccccggctc	ggccaatgcc	1080
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<210> 2251

<211> 1209

<212> DNA

<213> Enterobacter cloacae

<400> 2251

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atgatcaaaa	atctgcatat	tcaaaactac	cgctcaattc	gcgatatgtc	gcttgagctg	180
gaacagctca	atctcgtgtt	cggccccaac	ggcaccggaa	aatccaatat	ttataaagcg	240
atttacctga	tgacacagcg	ggcgccgggg	caattctccc	aggcgctggc	aaacgagggc	300
ggcattttga	aagtgttctg	ggcggggcaa	acccgcagcg	atcaactgcg	gcgcgatgaac	360
ctggcggtgg	aaacggaaac	ctatgaatat	gagcttcagg	tcgggttcgt	ggaaaagctg	420
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cgctattcgc	agatctggct	caccagccac	tcgcgggagc	tggcgcat	gattgagaag	1140
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ctggggtaa						1209

<210> 2252

<211> 498

<212> DNA

<213> Enterobacter cloacae

<400> 2252

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cattcaatag	aacaatctat	agagaaattc	tccggaaaaa	tcacttcaaa	acgtatttgt	180
agcacctatg	cattcatgaa	agagattgat	tcctcatcct	catatctata	caaggccttg	240
agcactggac	aaacactaac	aagagcagaa	tttatatttt	acaggatcaa	ctataacggg	300
ctcgaagagg	cttactttta	gacaacttta	gaaaatgcaa	gagtagttca	aattgaacca	360
ctcatgtttg	acattaaact	accgcaaaac	gaacgctata	cacattgtga	atatgtagat	420
ctaacatatg	aaaaaataac	atggcattac	atagatggaa	acatcattca	ttctgatacc	480
tggaaggaac	gcgcttaa					498

<210> 2253

<211> 645
 <212> DNA
 <213> Enterobacter cloacae

<400> 2253
 ccagtttagac ctgccgcttt cagagcaaat ctcgtaataa aaaaaccaag gaactatgaa 60
 atgaaagcac gccttacttg ccattctctg ctggcattaa gcattgcgc cctgctgcca 120
 gcgggctcag cactggccgc caccaccagc ggccgcacgg ttaacttcag cggtaaagtg 180
 gtgacctccg cctgtgccat cagcgccggt agcgccaata tcgacgtcga catgggggaa 240
 gtgctgaccg ccacgtggc tggcgcaggc agtgaagcca gtaccgcaaa agccttctcc 300
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 gccgcaacga ccgtggctat caccttcacc ggtacgcgg acagtaccga tgtcaatagc 420
 ctggccgcgg gagtaaacgg cggcgcgggc tcggcgcgag atgtcgctat ccgtctttat 480
 gacgaacagg gcaacgtcgt caggctgggt gagccggcag cagcgatccc cctgctgctg 540
 ggggcgaaca ccctgaactt cagcgcgaaa tattactccc cactgggcaa cgccacggcg 600
 ggtgatgcca gcgcggtcgc cacctacacc gtgacctatt cgtaa 645

<210> 2254
 <211> 693
 <212> DNA
 <213> Enterobacter cloacae

<400> 2254
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 atgaccttct atgcgcgact ggccgccacg ggtgcgcgg tcaatgccgg agacgtttcg 660
 gcagtggcga cctggacgac ggagtatcaa taa 693

<210> 2255
 <211> 753
 <212> DNA
 <213> Enterobacter cloacae

<400> 2255
 gacaactcct tctcttcgga tgcagacatg gcttactcca tcggcggaatt cgccagactc 60
 agcgcatca ccgccaccac gctgcgggcg tggcagcgac gctatggctt gctcaaacc 120
 gagcgtacgg acggcggtca ccgcctgtac agcgatgagg acgttcagca ggcgctgaaa 180
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 ctgctggtca ccagcgcaa actcaccgcc gcgcggaaaa agcaggttgc gcagtggcag 720
 cagcaggttt cccttgaggt aattatcctc tga 753

<210> 2256
 <211> 474
 <212> DNA
 <213> Enterobacter cloacae

<400> 2256
 atatttttttc ggcgcagcgag tgctaacggt ttcctgtcac cgacaactca acaggaaaac 60
 acgatgaaaa agacactccc tctgatgatg ctggctgcaa tggctttcgc gcctgccgca 120
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 gactccttct tcccggaaagt gccggtgctg ttcaccgtca cccgcaccaa tgaaaaactg 420
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<210> 2257

<211> 978

<212> DNA

<213> Enterobacter cloacae

<400> 2257
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<210> 2258

<211> 252

<212> DNA

<213> Enterobacter cloacae

<400> 2258
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 cgctggagga ttgcgaaatc gccgatacct ccgcgtccac ggaaaataac cccatcgccg 180
 caacgaccgt ggctatcacc ttcaccggta cgccggacag taccgatgtc aatagcctgg 240
 ccgcgggagt aa 252

<210> 2259

<211> 2598

<212> DNA

<213> Enterobacter cloacae

<400> 2259
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<210> 2260

<211> 783

<212> DNA

<213> Enterobacter cloacae

<400> 2260

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<210> 2261

<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 2261
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<210> 2262

<211> 1257

<212> DNA

<213> Enterobacter cloacae

<400> 2262
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<210> 2263

<211> 1005

<212> DNA

<213> Enterobacter cloacae

<400> 2263
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<210> 2264

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 2264

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<210> 2265

<211> 990

<212> DNA

<213> Enterobacter cloacae

<400> 2265

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<210> 2266

<211> 492

<212> DNA

<213> Enterobacter cloacae

<400> 2266

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gtgaacgagc	agaatccgca	gggggtggcg	ttttatcgcc	atatgggggtt	tgagcaggtc	420
gggcgttcgg	aactggacgg	gcaggggaat	ccgtttccgc	tggttgcata	gcggttgagt	480
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<210> 2267

<211> 1161

<212> DNA

<213> Enterobacter cloacae

<400> 2267

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<210> 2268

<211> 1200

<212> DNA

<213> Enterobacter cloacae

<400> 2268

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<210> 2269

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 2269

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<210> 2270

<211> 492

<212> DNA

<213> Enterobacter cloacae

<400> 2270

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<210> 2271

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 2271

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gccatcatcg	ccaaacgcta	ctacacgctg	aaaaccctt	tcctgaccaa	aatcctgcgc	360
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<210> 2272

<211> 2379

<212> DNA

<213> Enterobacter cloacae

<400> 2272

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<210> 2273

<211> 1017

<212> DNA

<213> Enterobacter cloacae

<400> 2273

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<210> 2274

<211> 1017

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (942)

<400> 2274

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<210> 2275

<211> 183

<212> DNA

<213> Enterobacter cloacae

<400> 2275

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tcgggctcgt	cgcgatcgcc	cggtttgggt	accagcggaa	tggccgcaaa	ttcatccttg	180
taa						183

<210> 2276

<211> 303

<212> DNA

<213> Enterobacter cloacae

<400> 2276

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gcagaggggc	cctgccagag	cagtaccaga	cccacggtct	caatgacaag	tgacgacacg	180
gccaccttca	cgccgccaaa	gcgatccagc	atccagccaa	acagcacgcg	catcaatata	240
aacgcgcgcg	caaaggccgt	cagcgtaaa	cccgccatcg	cccagccgcg	gctcatgaaa	300
tag						303

<210> 2277

<211> 2172

<212> DNA

<213> Enterobacter cloacae

<400> 2277

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<210> 2278

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 2278

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<210> 2279

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 2279

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<210> 2280
 <211> 822
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2280
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 ctgatccgcc cgatgattgt tgtcgtctcg gcggtgatga gcgccaaact tctttatgac 780
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<210> 2281
 <211> 366
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2281
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 gccgtttcacg cggaagtcac tcgcagcctg gaaaacgcta ttcaggcccg ggaactctct 300
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 aagtaa 366

<210> 2282
 <211> 1218
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2282
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1218

<210> 2283

<211> 1002

<212> DNA

<213> Enterobacter cloacae

<400> 2283

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<210> 2284

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 2284

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gcctatgatc	gtgtaggccg	ggtaaggcaa	cgccgcaacc	cggaacaaa	tctcacaat	180
gcctctgcc	tgcaggggca	ttttcttttt	cttctctgtg	ccttagctcg	caatttttcg	240
cttccccgat	tggtcfaatg	taaaaaaata	gttaagacta	ttatcaggct	agaccactta	300
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<210> 2285

<211> 2151

<212> DNA

<213> Enterobacter cloacae

<400> 2285

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cgtgcgatgc	tcagacagat	ccgcgaaaac	aaagcgatac	gtggcctgg	atttatctcg	180
gcaaagccgg	ataactttat	tgccggggcc	gatataca	tgattgccc	ggcgaaaagc	240
gctcaggaag	cagaagacct	ggcgcgctcag	gggcagcagg	taatggcgga	gatccatgcg	300
ctgtcgatac	ccgttgctgc	tgcatccac	ggggcctgcc	tgggcggtgg	gcttgagctg	360
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cgtctggcct	cgcaatatgg	tccacggttt	acaccttggtg	acgaattatt	gcagatggcg	2100
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<210> 2286

<211> 216

<212> DNA

<213> Enterobacter cloacae

<400> 2286

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cagctggcgg	aagagagcct	gatcctcctc	gctgagcgat	gttttctttt	tcattcgtca	180
ttctcatctc	gtatttccga	tagtgtacc	gactaa			216

<210> 2287

<211> 975

<212> DNA

<213> Enterobacter cloacae

<400> 2287

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tgtgacgacc	accattccac	gctggtaact	atgaaaaaaa	ccgcaatcgc	tctgctggcg	180
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gtcgtcgccct	cacgatggtc	gccggaaaatt	tccagcatga	ttaagctggc	ggcagaggat	660
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<210> 2288

<211> 912

<212> DNA

<213> Enterobacter cloacae

<400> 2288

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ccggtccaca	gaattgccct	cggcattgaa	tacgatggca	gtaaatacta	tggtggcag	180
cggcagaatg	aggtgcgag	cgtccaggag	aagctggaga	aagcgtctc	tcaggtagcg	240
aatgaaccga	taagcgtctt	ctgcgcgggc	cgcaccgatg	ccggcggttca	cggcacgggg	300
caggtggtgc	attttgacac	caccgccgtg	cgcaaagacg	cggcctggac	gctgggtgta	360
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cagtgtcagt	cccgtacgcc	gtggcgtaac	gtcatgcaca	ttaacgtcag	tcggatggc	660
gcgtatgtgg	tggtggatat	caaagccaat	gcctttgtac	atcatatggt	gcggaatatt	720
gtgggcagcc	tgatggaagt	gggcgcggga	caccagccgg	agagctggat	tgacagaactg	780
cttgacgcga	aggacagaac	gcttgcgga	gcaacggcga	aagcggaagg	gctgtatctg	840
gtttcgggtg	attatccgga	ccggttcgac	ctgccaaaac	cgccaatggg	cccgtgttt	900
ttagcggact	aa					912

<210> 2289

<211> 1281

<212> DNA

<213> Enterobacter cloacae

<400> 2289

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caggttgccg	cgcgtcttga	cgtgctgaaa	cccgcgcctt	tcgtgtttac	cgctgcgggc	180
actaacggta	aaggcaccac	ctgccgcacg	ctggaatctg	tcctgatggc	ggcggggtag	240
aaagtgtggc	tttacagctc	gccgcattctg	gtgcgtata	ccgagcgcgt	gcgggtgcaa	300
aacaccgagc	tggcggaatc	ggcccatacg	gcgtcgcttg	ccgctatcga	agcggcgcg	360
ggcgaacct	cattaacct	tttcgaatat	ggcaccctgt	cggcgctgtg	gctgttttaag	420
caggcgcagc	tggacgtggt	gatactggaa	gtggggctgg	gcgggctgt	ggatgccacc	480
aatatggtgg	atgcggatgt	cgcgcgtctc	accagcatcg	cgctggatca	caccgactgg	540
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<210> 2290

<211> 288

<212> DNA

<213> Enterobacter cloacae

<400> 2290

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gcggaagaga	cgctggccgc	gctgagccag	cgcgcgcgtg	aagtcgaatc	cgatccgtgt	180
gaaatcaa	ccaccttcac	ggaagtagaa	ggcggcgtgc	agctggatat	cgactttgtg	240
ttcgctgcg	aagcagaaac	gctgatcttc	cagttaggcc	tgctgtaa		288

<210> 2291

<211> 1344
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2291
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<210> 2292
 <211> 1023
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2292
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 aatatctggt acggccacgg tacggataac ccgtgggatg aggcggttca gctggtgctg 240
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 gagcagtacc cggatgtgcc gttcacctgg cttgagttcg acaacggcgg tgacggcgctc 960
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 taa 1023

<210> 2293
 <211> 1146
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2293
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atggatcact	tcctgcgcca	gcgcgcgcag	aatgcggatg	tgacgaccac	cattccacgc	1140
tggtaa						1146

<210> 2294

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 2294

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ggttatctgt	atcggcctct	atctcttact	catgccaaag	ctcggggaag	aagatcgaca	180
gcgtcgctt	cacggcctgc	cgtttgcgct	gatcgccggt	ggctgcgtcg	gtttttacga	240
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ggcagggcag	tttttggggc	cgcgcgcagg	ctcgcgtctg	gtattaagca	aagggcaaaa	480
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<210> 2295

<211> 588

<212> DNA

<213> Enterobacter cloacae

<400> 2295

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gagaaaggca	tcccggcacg	tccggcacgc	ctgatcgagg	ctttacagaa	ttattaccac	540
acgccggaga	tcacggcgga	acgcttcccg	tggccggaag	atctttta		588

<210> 2296

<211> 1239

<212> DNA

<213> Enterobacter cloacae

<400> 2296

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gcctttgcgg	tgtttctgac	ctatatgacc	gttggcctgc	cgctgccggt	gatccccttg	180
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aaacgctcgg	cggtgcaggg	catgtttgcc	tgcgggctgg	cggggggagc	ctggctgctg	360
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cttgcaacgt	cgtttggtca	tccttcgcgt	tttctcgccg	gtgcggtgtc	agcggtggtg	1200
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<210> 2297

<211> 1167

<212> DNA

<213> Enterobacter cloacae

<400> 2297

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gaggcgctgc	tcaccggcaa	aggggttaaa	tttgtcggga	cggcaacggc	cgggaccgat	240
catgtggatg	accagtggct	taagcaagcg	gggattgggt	tttccgcggc	gccaggctgt	300
aacgccattg	ccgtcgtgga	atatgttttc	tcctcgctat	tgatgctggc	cgagcgcgat	360
ggttttacgc	tgaagacccg	caccgtcggg	attgtggggg	tgggcaacgt	gggcggacgt	420
ctgcaaaagc	gtctggaagc	ctggggaatc	agcaccctgc	tgtgcgatcc	gccgcgtaag	480
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atcaccttcc	atagcccgct	ctttaaagag	gggccgtata	agaccctgca	cctggccgac	600
gaaaagctga	tccgcgctct	gaaggctggc	actattctga	taaatgcctg	ccggggaccg	660
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ctggacgtct	gggagccaga	gcctgatctc	aacgtcgcac	tgctggataa	ggtagacgtg	780
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tccctgtatg	tcatgtgcga	tgacgcgtca	gcggcggggc	tgctgcataa	actgggattt	1140
aacgccgttc	accaccgggc	acgttaa				1167

<210> 2298

<211> 1020

<212> DNA

<213> Enterobacter cloacae

<400> 2298

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cgtaccgaca	gcgcaggaga	acagctgcgt	ttcggcgggg	aatccttgat	ggtgcaggac	180
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ctgttctccc	tggagccgga	tgtgtcgctg	gtgggtccgg	acgtcaaccc	gtttgtgctg	360
gctgactacc	gcaaccgcaa	catcattgca	gtaccgaaca	gcctcaccag	ccagctgctg	420
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aacgattacg	gtatgcctga	gcaggtgcag	ttctgggtctg	ttgccgacaa	cgtgcgtttc	960
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<210> 2299

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 2299

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cacctggcgg	agctgggtgc	gcagtacggc	gtctgggttt	acgccattct	gttcctcatt	120
ctgttctgtg	aaaccggcct	tgtggttacg	ccgttcctgc	cgggagattc	actgctgttc	180
gtggcggggc	cgttatccgc	actgccaacg	aatgacctga	atgtccatct	gatggttgtc	240
ctgatgatca	tcgccgcgat	tgttggtgat	gcgggtcaact	acaccatcgg	gcgggtgttt	300
ggcgagcggg	tgttcagtaa	tccggactcg	aagattttcc	gccgcagtta	tttagataag	360
acccatgcgt	tctatgagcg	ccatggcggg	aagaccatta	tccttgcccg	ttttgtgcct	420
attgtgcgta	cattttgcacc	gtttgtggcg	ggaatgggtc	acatgtccta	tcgtcatttt	480
gctatgtaca	acgtgggtgg	cgcgctgctg	tgggtgctgc	tgttcaccta	tgcaggctac	540
ctgtttggcg	atctgccggg	ggttcaggaa	aaccttaagt	tactgattgt	agcgattatt	600
gtgctttccg	tactgcctgg	cgtcatcgaa	attatccgtc	acaaacgcgc	ggcggcaaa	660
caagcgaagt	aa					672

<210> 2300

<211> 339

<212> DNA

<213> Enterobacter cloacae

<400> 2300

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ctggtcgcgc	tcgggggtgat	tattctcccc	ggattgctcg	acgggcagaa	aaagcattac	120
caggatgaat	ttgcggccat	tccgctggta	cccaaaccgg	gcgatcgcga	cgagcccgat	180
atgctgccag	cggcaacgca	ggcgtgcctc	gccagccgcg	cagaaggcgc	agcggaagag	240
gtgcgcgcag	gtgatgcagc	cgcgcctgcg	ctcgatccct	cgcgcctggc	gacgaacaat	300
cacattcttc	accaagggag	ctgccgctcc	gcatcacac			339

<210> 2301

<211> 771

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (755)

<400> 2301

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cgtccactga	agcgcgatga	gtctcctcgt	gacgaagatg	acgttgaaaga	cgacatcgac	120
ggtcttgacg	acgacggcgt	gggtgaagtt	cgtgttcctc	gggtcaatac	tgcgcccggc	180
gcagcgcgat	gagagcatga	agccccccgc	gctccgcagc	accagtatca	accaccgtat	240
gcctctgccc	agccgcgcca	gccagcgccg	ccgccagtgg	aagaacctgt	tcgtcatccg	300
ccgcaccagc	ctgtgcaaca	gcagcccgtt	gcgccacagc	ctgtacagcc	gcaacctgtc	360
caacagcctg	cacagccagt	gcatcagcca	cagcctgttc	agcagccgca	gccgggtacaa	420
caaccgcagc	cgcagcctga	accgcctgcg	ccacagcccg	ccccgcgcgc	tgagccagag	480
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ggcagcggtc	cggcgctgtt	cagcctggcc	aatatggtca	atccaggcac	gttggtcttc	720
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<210> 2302

<211> 813

<212> DNA

<213> Enterobacter cloacae

<400> 2302

attccaccgg	ccgtcactat	ctcttcaggg	cgtttcatgc	atgcagatcg	gtctacgcaa	60
cgtgctacca	cgcggctatg	tattcagtg	ggactttttc	tcttacaaca	cggggcgagaa	120
agcgccctcg	tcgaagaact	ttccacacgc	cttggtctgg	cgtgggggat	ggacagcggt	180
gagagctcca	tctcgtaaaa	tgccattgta	ctgaccacca	ttaaagacgg	acagtgcctc	240
acctccactc	gtaaaaatca	tgaccgcggc	attaacatgc	acgtcgtgac	ggaagtgcag	300
cacattgtga	tccttgctga	acacaggctg	ctcgatctgc	gggaaataga	gaaacgcttc	360
aaccagatca	aacctctccg	gtatccacgc	tggtggttg	tgctgatgg	gggactctcc	420
tgcgctgct	tctgcaagct	caacgcgggc	ggctgggacg	gcgtgtcgt	gaccttcttt	480
gccagcagca	tcgcgatgta	tgtccgccag	ttgttgacgc	acaggcaact	gcatccgcaa	540
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ggttttccct	taatcaatgc	cgtcgctgat	atgttcaaag	gccacatcaa	caccggtctg	720
gcgcgctggg	cgatagccag	cctgctgacg	ctggcgacct	gtatcggggt	ggtaatggcc	780
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<210> 2303

<211> 1479

<212> DNA

<213> Enterobacter cloacae

<400> 2303

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ggcgaagccg	aaatccatca	ggccgttgcc	gcccgcgaaag	aggcgttccc	gaaatgggcc	180
aacctgcccga	tgaaggagcg	tgcgcgcctg	atgcgtcgcc	tgggggatct	gattgaccag	240
aacgtgcccg	acattgccgc	gatggagacc	gccgacaccg	gcctgccgat	ccaccagacc	300
aaaaacgtgc	tcattccgcg	cgccctcgac	aacttcgagt	tcttcgcgca	ggtgtgccag	360
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aacacccaga	acgtgcgcga	cctgcgccag	ccgtttggcg	gcgtgaaggc	ctccggcacc	1380
gggcgcgaag	gcggcgagta	cagcttcgag	gtattcgcg	agatgaagaa	cgtgtgcatc	1440
tccatgggcg	accatccgat	tccaaagtgg	gggatctga			1479

<210> 2304

<211> 330

<212> DNA

<213> Enterobacter cloacae

<400> 2304

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gccggactac	ggtgcgctgc	tggacgatat	gttcttccac	gacggcagcg	acatccccgt	180
ggatcgcttt	atcgccccgc	gcatacgaagt	ggagctggcc	ttcgtgctgg	caaaaccgct	240
gcgcggcccc	aactgcacga	tcttcgacgt	ctacaacgcc	acggattacg	tcatccccgc	300
cctggagctg	atcgacgccc	gctgccataa				330

<210> 2305

<211> 342

<212> DNA

<213> Enterobacter cloacae

<400> 2305

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ctcacaccat	taattaagca	tgttactgta	ggccccgata	gctgcgcgcc	tccgggcttc	120
ttctatctgg	aaccctcaat	gtttggtaac	ttaggcgaag	caaaaaata	cctcggtcag	180
gcggcgaaaa	tgctgattgg	cattccggac	tatgacaact	acgttgagca	tatgaagacc	240
aaccatccgg	ataagccgta	catgacttac	actgaattct	tccgcgagcg	tcaggaagcg	300
cgctacggcg	gaagtggaga	aggcggcgct	cgctgctgct	aa		342

<210> 2306

<211> 489

<212> DNA

<213> Enterobacter cloacae

<400> 2306

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actaacgcgc	ttctgctgga	taaccagctc	tgttttgccc	tctattcggc	aaatctggcg	120
cttaacaagc	tctaccggca	actgctggcg	ccgcttaacc	tgacctaccc	gcaatacctg	180
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cgggcgctgc	aacagcaggc	cgtgacgata	ccccacgccg	tgggctgtgc	agcgcagtgt	420
gataccgaca	ccatgctggc	gctcaagcac	cagctcgaac	ttttgcgcca	acagcttcat	480
cgcgcgtaa						489

<210> 2307

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 2307

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ggaggccgtg	atggccgcgc	aacgtcttcc	gatggcggtc	tggatgtcaa	actgggtgtc	120
cccaaagaga	tgggtggcat	ggggggtgaa	gtaaccaacc	ctgaacagct	gttcgctgcg	180
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ctggtggatg	cggcgcatat	cgtctgtccg	tactctaacg	cgacgcgcgg	caatatcgac	420
gtgacgctga	acatcatcgc	gtaa				444

<210> 2308

<211> 756

<212> DNA

<213> Enterobacter cloacae

<400> 2308

tggattccga	ggtgcgaaat	gaaaaacgct	ggcgacctga	tgaaacgttt	gcagaagatg	60
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gagcagggt	aaattcgcg	ggctgccctc	gcccgcgaaa	accgcgcgat	gaaaatgcag	180
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gtggccgata	ttatgtccgc	catgaaggac	accttcagca	accgcgaaac	cagcgaagaa	480
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gagcgggtaa	tggatcgcat	gaagctgggt	aacagcctgt	acgtcatctt	cgactgggac	720
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<210> 2309

<211> 489

<212> DNA

<213> Enterobacter cloacae

<400> 2309

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gagagcggca	cttcccaggg	cgggctgtca	gcctcgtccc	tcaccggcct	gctgagtaac	180
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ggcctgctga	acgcgcaaaa	tggccagcag	ctgaacctca	gcacccttgg	aaattcatct	420
ctggcgaaac	aggtgaaaaac	gaaagcctgc	gatctggtgc	tgaacaagg	cgtaatttc	480
ctctcctga						489

<210> 2310

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 2310

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ctggcctggc	tggcagacaa	tgaggttatt	tgtgttgaag	atcacctcgg	ttacgccgga	180
cgcgattaa	tctggctggc	gctggctgac	gacaggcctg	tgggctttat	tctcgccgaa	240
gctcatccat	cgtcgctgtt	tattgtggaa	ctgtcggttc	acctggactg	gcagggacga	300
ggtctcggac	gccagttaat	cgcccgtgcc	gtcgcgcgat	cccgcagtct	ggggtgaac	360
tcgctgacgt	taacgacgtt	tcgtgatgtc	ccgtggaatg	cgccttctca	caggcgatta	420
gggtttgaaa	tgctgacgac	gctgacgccg	gaactgcgcc	agaaacgcga	ggaagagacg	480
gcgcacgggt	tagcgtatgg	ttcccgtctgc	gccatgcgcc	tgcctctgta	a	531

<210> 2311

<211> 1314

<212> DNA

<213> Enterobacter cloacae

<400> 2311

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aacgcgcgcg	caaaaacggc	ggtgtggttt	atcaagccac	ataacaccgt	tattcgcgca	180
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aaactgacca	tcataccgga	gatcaacggt	cgcgaagcgg	accactggaa	cacggccgat	480
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gtacgcattc	tggcagaggg	atttccgccc	ctggaaaacc	cggtggtagt	ggaacgcgac	660
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<210> 2312

<211> 819

<212> DNA

<213> Enterobacter cloacae

<400> 2312

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<210> 2313

<211> 540

<212> DNA

<213> Enterobacter cloacae

<400> 2313

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<210> 2314

<211> 2319

<212> DNA

<213> Enterobacter cloacae

<400> 2314

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<210> 2315

<211> 699

<212> DNA

<213> Enterobacter cloacae

<400> 2315

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<210> 2316

<211> 588

<212> DNA

<213> Enterobacter cloacae

<400> 2316

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<210> 2317

<211> 555

<212> DNA

<213> Enterobacter cloacae

<400> 2317

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<210> 2318

<211> 2334

<212> DNA

<213> Enterobacter cloacae

<400> 2318

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<210> 2319

<211> 1140

<212> DNA

<213> Enterobacter cloacae

<400> 2319

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<210> 2320

<211> 390

<212> DNA

<213> Enterobacter cloacae

<400> 2320

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<210> 2321

<211> 1017

<212> DNA

<213> Enterobacter cloacae

<400> 2321

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<210> 2322

<211> 1365

<212> DNA

<213> Enterobacter cloacae

<400> 2322

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<210> 2323

<211> 942

<212> DNA

<213> Enterobacter cloacae

<400> 2323

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<210> 2324

<211> 1686

<212> DNA

<213> Enterobacter cloacae

<400> 2324

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<210> 2325

<211> 1704

<212> DNA

<213> Enterobacter cloacae

<400> 2325

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<210> 2326

<211> 1788

<212> DNA

<213> Enterobacter cloacae

<400> 2326

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<210> 2327

<211> 456

<212> DNA

<213> Enterobacter cloacae

<400> 2327

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<210> 2328

<211> 825

<212> DNA

<213> Enterobacter cloacae

<400> 2328

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<210> 2329

<211> 1503

<212> DNA

<213> Enterobacter cloacae

<400> 2329

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1503

<210> 2330

<211> 822

<212> DNA

<213> Enterobacter cloacae

<400> 2330

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<210> 2331

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 2331

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<210> 2332

<211> 687

<212> DNA

<213> Enterobacter cloacae

<400> 2332

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cgtcagactg	atgaattatg	ggcgcaatta	tccgcgtcac	cctccgctat	cgatcatgata	240
gatgggtatt	taattcgtga	taatggtgtg	gctttactgg	aagagattat	ggatcgcttt	300
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acctctcagg	atgaactggc	agtgttaagc	gagcgccagc	gtgaggtatt	gaagttactg	540
gcggccggag	agtccaataa	agagattgga	cgtaatctca	atatcagtg	ggcaacggta	600
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<210> 2333
 <211> 2229
 <212> DNA
 <213> Enterobacter cloacae

<400> 2333
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 attactgaac aatatgcaca gcgccggatg cgcgcttcat tcacctattt caacaggaca 180
 gcgtttatga ccaatccatt actgacgcct ttttcgttgc caccggttttc taaaatcctc 240
 cctgagcatg tggttccagc gggttacgcaa tcgctggaca actgccgcgc gccggtagaa 300
 agcgtggtcg cgcagggcgg gccgtacacc tgggaaaatc tgtgtcagcc gctggccgaa 360
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 tgggtcggcc agcatgaggg gctctacaaa gcctaccgcg acctgcgcga cggcgaccac 540
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 ggtcagtcgt tcctcgacaa catcctgacc cgcggcgggt cagaagagcc tatggagctg 2160
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 aaaggctga 2229

<210> 2334
 <211> 462
 <212> DNA
 <213> Enterobacter cloacae

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 ggatgtatga ttagcaccgt cgcattgttt tgggcgttat gcgtgggttg catagtgaat 180
 atggcgcgct acttctcctc gttacgtgcg ctgttagtgg tacttcgtgg ttgcgatccg 240
 ttgctttatc agtatgtgga cgggtggagg ttcttcacct cgcacggaca gccagcaag 300
 cagatgcgtc tgggtgggta tatctactac caacgtaccc gcgatcacca cgatgaagag 360
 ttatccgctc gctgcgagc cctgcgtcgt cagttcattt tgaccagcgc cctctgtggt 420
 ctggttgtgg tgagtatgat tgcgctgatg atttggcact ga 462

<210> 2335
 <211> 1287
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2335
 aatggctttg taatatcttt ttacgctggt gcgaccactg aggaaacttt acaatccgcg 60
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 gcggcgggta tgttttgtgc ggcgatggcc ggacaagcgg gtcgtcgcgt gctgctgctg 180
 gataacggaa aaaagcctgg ccgcaagatc ctgatgtctg gcggtgggcg ctgcaacttt 240
 actaatcttt atgtcgagcc tgcggcctat ttgagccaga accgccattt ttgcaaatct 300
 gcgctggcgc gctataacca gtgggatttt atcgaactgg tgggtaaaca cggtatcgcg 360
 tggcatgaga agacgctggg acagctgttc tgcgacgact ccgcgcaaca aatcgttgat 420
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 gataacctgg tgatcgccag cggcggcctc tcgatgccgg ggctgggcgc ctcaccgttc 600
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 cgtggactct cggggccggc ggtattgcag atctccagct actggcagcc gggggagttt 840
 gtctccgtaa acctagtgc ggactgcgat ctggacgcct tcctcaacga gcaacgcgcc 900
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 ggctggctcg gcgggtataa cttccagtgg gcgtgggcca gtgcctgggc atgcgcgcaa 1260
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<210> 2336
 <211> 861
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2336
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 ttagtagatg aaacaggcgc cggggacggc gccttatctg ttctggcggc ccgctggggg 180
 ctggaacatg atgaagacaa cctgatggcg ctggtgatga cgcgggaaca tctggagctg 240
 cgcaagcgcg atgagccaaa gcttggcggg atttttgcg attttgtcgg cggcgcgatg 300
 gcgcaccggc gtaagtccgg cggcggtcgc ggcaagcgg tggccaaggc ggttggcatt 360
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 gtgctggcct cgggtgggctg ccgggtgcgg atgctggagc gtaatccggt tgtcgccgcg 480
 ctgcttgacg acgggctgac gcggggctat gcggaccgg aaatcggtc gtggttacag 540
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 ccgcagggtg tttatctcga ccccatgttc ccgcataagc agaaaagcgc gctggtgaag 660
 aaagagatgc ggggtgtttca gtcgctggtg gggccagatt tagatgccga tggcctgctg 720
 gaaccggctc gtcagctggc gacgaagcgt gtggtggtga agcgccctga ctatgcgccg 780
 ccgctggcgg acgttgcgac cactaacgcg gtgaccacga aagggcaccg gtttgatatt 840
 tattcgggaa caccggaata a 861

<210> 2337
 <211> 852
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2337
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 ggtgacggca taggagtggg ctatggccaa agttatcagc cctggcttag agctcaggac 120
 gttaaattcc gtggaaccg ttcgatagtc tttggcctta agacgtttcg aaaccatcat 180
 ctcttttctt ctgtcgaaag taactttttc tatctggctg agtttaatga ctcggtgatt 240

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ggtatgacaa	ccgatttttt	actgaccttg	agaactcctg	aaggcggact	tcgatacaaa	420
gctatagcag	taaaacataa	cgagagcata	cctgaacgcg	aagcccaaaa	acttgaaata	480
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ggatattatt	ag					852

<210> 2338

<211> 945

<212> DNA

<213> Enterobacter cloacae

<400> 2338

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<210> 2339

<211> 2085

<212> DNA

<213> Enterobacter cloacae

<400> 2339

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gccacgtttg	actggaaccg	cctcaaaccg	accatcaacc	agaaagtctc	aaccgagctg	180
aaccgcccc	tcgcaatacg	tggcgatttg	ggcgctcggt	gggagcgcca	gaaagaggaa	240
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ctcgctacgc	tggtgacccc	tgcggcgcg	ctgttgcgct	tgatttcgcc	gtcagaaggc	2040
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<210> 2340

<211> 1701

<212> DNA

<213> Enterobacter cloacae

<220>

<221>unsure

<222>(1661)

<220>

<221>unsure

<222>(1689)

<400> 2340

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gcattaccta	atgaacgatc	acgtgttttc	attcttaatt	aaagagatat	aaataatatt	600
agaaaatctc	tcattacgta	tcattataaa	gttaacggag	atacgataaa	gaaaacatta	660
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cgctgtttcg	gcattctgaa	tgatgagggt	attcataggc	ttattggaac	aacacgaagg	1320
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gcttatatca	atcccttact	gattgaaaat	gatctcgtaa	tatcaccaaa	aaatagttgg	1500
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gcacgattgt	taatccctgt	gaacgctaac	attaccgccg	gtgggattca	gtacaataat	1620
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<210> 2341

<211> 1506
 <212> DNA
 <213> Enterobacter cloacae

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<210> 2342
 <211> 1443
 <212> DNA
 <213> Enterobacter cloacae

<400> 2342
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<210> 2343

<211> 1332

<212> DNA

<213> Enterobacter cloacae

<400> 2343

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ttttatattt	acgccaccgc	tgcggtcatt	gtctttccgc	atattttctt	ccctcagggc	180
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<210> 2344

<211> 453

<212> DNA

<213> Enterobacter cloacae

<400> 2344

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aacgcgggct	atccgatcac	tgaaaacctta	agcggtagcg	gcgatctggg	ccaggtgctg	300
gttgatgcga	ttaagaaata	cgatatggac	ctgggtggtat	gtggtcacca	tcaggacttc	360
tggagcaaac	tgatgtcttc	cgcgcgccag	ctgattaaca	ccgttcacgt	ggatatgctg	420
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<210> 2345

<211> 1707

<212> DNA

<213> Enterobacter cloacae

<400> 2345

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tatgaaaccg	atccctgtga	gttaaaaactg	gatgagatga	tcgaggcaga	gccggaaccg	180
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gattttgacc	tggcgcgctt	tgtaaagaat	cacttctggc	taccggagga	ctacagcaaa	420

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<210> 2346

<211> 351

<212> DNA

<213> Enterobacter cloacae

<400> 2346

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ggttatggtc	acgtaattcg	ccagtgggaa	aaatttaacg	gtctcatcac	gccgactgag	180
gcggagaatt	tgctttgtaa	tgatatccaa	ttatgtgagg	cgctgctgcg	ggaaatgaac	240
aaacgcccac	taacccaaca	gcagcatgac	gcactgatat	taaccctctt	cagttttggg	300
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<210> 2347

<211> 675

<212> DNA

<213> Enterobacter cloacae

<400> 2347

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ggtatcgctg	ggttactgat	tgcgctctat	tccgggggtga	actggatggg	caacctgcgt	600
gaggctattc	gcgcccagtc	gcgtgacgtc	tgggagcgta	gaccgcagga	tcaggagaag	660
atatgggtga	agtaa					675

<210> 2348

<211> 468

<212> DNA

<213> Enterobacter cloacae

<400> 2348

ctgcgcgact	ttattttcgct	gattgggctg	ctgggtggcgc	tgggtcatcac	gctctctatc	60
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gaatggctga	aaccggcctg	gcgcggtata	gggcttgcaa	tctccatctt	tgctaactac	180
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acgcttccgt	cgctggtgaa	gtcgccctcc	ggcgcgccct	ttgggttcggt	gctggggctg	360
atggctttct	tctattttct	cgctcgcttg	acgctgttct	gcgcgcgctg	gatcgccacg	420
gctgagtata	aagatgaccc	gcgcattgcc	ggtaaaaccc	accgctga		468

<210> 2349

<211> 882

<212> DNA

<213> Enterobacter cloacae

<400> 2349

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tcgcttaaa	aaaaggataa	accgttcctt	tatctggaca	cccacgcggg	cgcgggccgt	180
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gcgaccggca	cctatgctct	gtggtatccg	gtagtgtctg	gcgcgcgcaa	taaacgcag	660
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aagctcgaag	cacagatgaa	caacgtgctg	ccgtggctgc	acaaaacgct	ggtgccagcc	840
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<210> 2350

<211> 573

<212> DNA

<213> Enterobacter cloacae

<400> 2350

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accgtgacgg	cgggaaatat	cgctccagg	cgactgctgg	aaaaaacagg	ttttcagctg	480
gaaggtgagt	tgcgcgagag	ttatttcctt	tcagggcaat	ggcataacga	ctggctattc	540
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<210> 2351

<211> 909

<212> DNA

<213> Enterobacter cloacae

<400> 2351

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<210> 2352

<211> 990

<212> DNA

<213> Enterobacter cloacae

<400> 2352

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<210> 2353

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 2353

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<210> 2354

<211> 702

<212> DNA

<213> Enterobacter cloacae

<400> 2354

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ctgccggcag	cgatcttatt	cttctcagcg	atgacctctc	tggtgatgta	tggttattta	660
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<210> 2355

<211> 909

<212> DNA

<213> Enterobacter cloacae

<400> 2355

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gtcgccctgcg	cgcactttac	ggcgatgcat	attatcgctc	cgggtgctgcc	cgatctgttg	360
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gccggtcagt	cgtggcggtt	tttgacgcca	gaaggggagt	cggtcacgac	ggcggtcagc	660
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gtgctcggcg	cctttacgcc	aaaaccgatc	ggtatttttg	gtattttatca	gtcgcgagac	840
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<210> 2356

<211> 447

<212> DNA

<213> Enterobacter cloacae

<400> 2356

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atcagcaaa	tggcgctaca	aagcaagggt	acggtaaccg	gtatcgatcc	gcagcagttc	360
gacggcatta	ttcagaaaagc	gaaggcgggt	tgtccggtat	cgcagctggt	gaaagccgaa	420
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<210> 2357

<211> 795

<212> DNA

<213> Enterobacter cloacae

<400> 2357

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<210> 2358

<211> 378

<212> DNA

<213> Enterobacter cloacae

<400> 2358

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ccagggccag	cagcaaagag	cagaaggcca	gttccagcgt	ggcggggaaa	aaggctttca	180
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cctctacata	gcggccaaac	tgaatataga	gcggttgatc	cagccccagc	tgctggcgga	300
tgccctgcac	gatttcacgc	ctggcgcggt	caccggccag	caggcggggc	ggatcgccgc	360
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<210> 2359

<211> 1506

<212> DNA

<213> Enterobacter cloacae

<400> 2359

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<210> 2360

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<400> 2360

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ggggcggcaa	ttctgatcac	ggcggttggt	tttaatctgt	ttggcgatgg	tcttcgcgac	1500
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<210> 2363

<211> 987

<212> DNA

<213> Enterobacter cloacae

<400> 2363

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<210> 2364

<211> 921

<212> DNA

<213> Enterobacter cloacae

<400> 2364

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<210> 2365

<211> 1785

<212> DNA

<213> Enterobacter cloacae

<400> 2365

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tatatctctt	acgccggctc	ggttttactg	gagtttcccc	ttctgaacaa	aggcagcgcc	180

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<210> 2366

<211> 1716

<212> DNA

<213> Enterobacter cloacae

<400> 2366

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<210> 2367-

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<400> 2367

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<210> 2368

<211> 867

<212> DNA

<213> Enterobacter cloacae

<400> 2368

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<210> 2369

<211> 585

<212> DNA

<213> Enterobacter cloacae

<400> 2369

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gtgggcatca	gcagcgaatg	gtggcatttc	gaactgccga	atgccgcaag	ctaccgcgtg	540
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<210> 2370

<211> 1548

<212> DNA

<213> Enterobacter cloacae

<400> 2370

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<210> 2371

<211> 1044

<212> DNA

<213> Enterobacter cloacae

<400> 2371

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<210> 2372

<211> 930

<212> DNA

<213> Enterobacter cloacae

<400> 2372

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<210> 2373

<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 2373

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<210> 2374

<211> 1023

<212> DNA

<213> Enterobacter cloacae

<400> 2374

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taa

1023

<210> 2375

<211> 1221

<212> DNA

<213> Enterobacter cloacae

<400> 2375

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<210> 2376

<211> 2112

<212> DNA

<213> Enterobacter cloacae

<400> 2376

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<210> 2377

<211> 2709

<212> DNA

<213> Enterobacter cloacae

<400> 2377

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<210> 2378

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 2378

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ttaggcgagg	cgttcgctta	tgcactgaac	cagtgggatg	ccctgtgtta	ctactgcatg	180
gatggtctgg	cagagccgga	taataacgct	gctgagcgcg	cgctacgagc	ggtctgtctg	240
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tatggtctga	tcggaacgtg	caggctgaac	ggtatcgatc	cagaggggta	ccttcgccat	360
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gtagatctca	ccaataaata	g				441

<210> 2379

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<400> 2379

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tgggtggagg	aacagcaatc	catgctggca	ctgccaccgg	agaaaaaaca	gtatgacgtg	960
caggttgatg	aaagcctgat	gaccttcgac	aggcagccgt	tgcatactcc	gctctccatc	1020
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<210> 2380

<211> 243

<212> DNA

<213> Enterobacter cloacae

<400> 2380

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tgtatcatcc	tgcgtcccgt	ccggccgacc	tggtgctcgt	tcgcgcagct	tgaaaaagcc	180
gaaccggact	ttatggtgga	acgtggggac	gttgtcagcg	atgaaggctg	atttgacctg	240
tga						243

<210> 2381

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 2381
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 gatttgcgcc aattaccagg gcgttattgc actctgcagt tgcgtgccac ccgtcacggg 180
 aatgacctct tccagggatg gcacagtata gaggattcac gtgactggac ctatcttccg 240
 gatgaaagac cgcggaacaa acaggcaacc cacagttata ttcagcaact cattcaacag 300
 aagggagtat atcattacgc cattatagaa aataattcag aaaatgctgt gggaaactctt 360
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 cttaaataca ggagcgtgga cgttgtaatg tattcaatca ttcaggatga atgggaaaga 660
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<210> 2382

<211> 267

<212> DNA

<213> Enterobacter cloacae

<400> 2382
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 gacaagtgtg ccggagataa actcctgcag ttgtcgttgc ccgaactggg tcgtcttgct 180
 gaacgtccgg agctgattac cgtactcaga ctcagggtac accaccagat agatgtatta 240
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<210> 2383

<211> 1113

<212> DNA

<213> Enterobacter cloacae

<400> 2383
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 tgccacactg atgcatttac ctgtgtccgg gatgatccgg aagggtgtgtt ccggtcagta 180
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<210> 2384

<211> 1362

<212> DNA

<213> Enterobacter cloacae

<400> 2384
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gtcaatgaag	tacatgcgcg	tccgcacctg	cttatcacat	caccacagac	cctgttgacg	180
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<210> 2385

<211> 372

<212> DNA

<213> Enterobacter cloacae

<400> 2385

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aagagcgttt	gtgaggacac	cggtcatccg	ttgacgctta	acctgcgtcc	gggacacgat	300
cacagctatt	actttatctc	cagctacatt	ggcgaccaca	ttgcacatca	tgcagcagca	360
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<210> 2386

<211> 2655

<212> DNA

<213> Enterobacter cloacae

<400> 2386

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<210> 2387

<211> 279

<212> DNA

<213> Enterobacter cloacae

<400> 2387

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cagcaaattg	ctgccgttcg	tggcgcatct	aacggattga	tggctgaggt	tctggagagt	180
cacatacgag	aaacctttga	ccagaatgac	aactatagcc	atgaagtcag	taaatcagtt	240
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<210> 2388

<211> 804

<212> DNA

<213> Enterobacter cloacae

<400> 2388

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<210> 2389

<211> 219
 <212> DNA
 <213> Enterobacter cloacae

<400> 2389
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 tcggttatca cttactccga gatgcgcttt ggcgccacag gtccgaaggc ctccccaccc 180
 cgcgagcagt tggttgacgc gttctgtgtg ccgttctga 219

<210> 2390
 <211> 288
 <212> DNA
 <213> Enterobacter cloacae

<400> 2390
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 cgtatcaaag gtcagattgc agcgctggaa caggcgattg aaaacgaagc ggaatgttct 120
 tcattgttgc agcaactggc ttcggtacga ggagccgta aaggcctgat gactgttggt 180
 ctggaaagct atctcaggga agaatttccc gatacgaaca aaagaagggg gtcgcagacg 240
 aaatctatca acgacgctat ttccattggt cgctcatatc tccgttaa 288

<210> 2391
 <211> 621
 <212> DNA
 <213> Enterobacter cloacae

<400> 2391
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<210> 2392
 <211> 633
 <212> DNA
 <213> Enterobacter cloacae

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<210> 2393
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 <212> DNA

<213> Enterobacter cloacae

<400> 2393

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<210> 2394

<211> 1446

<212> DNA

<213> Enterobacter cloacae

<400> 2394

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<210> 2395

<211> 231

<212> DNA

<213> Enterobacter cloacae

<400> 2395

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<210> 2396

<211> 2031

<212> DNA

<213> Enterobacter cloacae

<400> 2396

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<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 2397

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 <212> DNA
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<213> Enterobacter cloacae

<400> 2400

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<211> 960

<212> DNA

<213> Enterobacter cloacae

<400> 2401

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<210> 2402

<211> 1983

<212> DNA

<213> Enterobacter cloacae

<400> 2402

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<210> 2403

<211> 1170

<212> DNA

<213> Enterobacter cloacae

<400> 2403

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<210> 2404

<211> 1674

<212> DNA

<213> Enterobacter cloacae

<400> 2404

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<210> 2405

<211> 315

<212> DNA

<213> Enterobacter cloacae

<400> 2405

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<210> 2406

<211> 1125

<212> DNA

<213> Enterobacter cloacae

<400> 2406

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<210> 2407

<211> 1062

<212> DNA

<213> Enterobacter cloacae

<400> 2407

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<210> 2408

<211> 243

<212> DNA

<213> Enterobacter cloacae

<400> 2408

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<210> 2409

<211> 1425

<212> DNA

<213> Enterobacter cloacae

<400> 2409

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<210> 2410

<211> 219

<212> DNA

<213> Enterobacter cloacae

<400> 2410

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caacatcaac	cagtcgaagg	tctctcgcat	gttaaccaag	tttgaggcgg	tgcgtacgcg	180
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<210> 2411

<211> 984

<212> DNA

<213> Enterobacter cloacae

<400> 2411

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<210> 2412

<211> 474

<212> DNA

<213> Enterobacter cloacae

<400> 2412

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cgcaatcgte	tggctgattc	tgaagccggt	aacgatcagg	caccggttca	gatgccacgc	420
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<210> 2413

<211> 438

<212> DNA

<213> Enterobacter cloacae

<400> 2413

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aacgatgccg	tggtcgtgat	ccacaccagc	ccgggcgcag	cccagctgat	tgcccgcctg	300
ctggactcgc	tgggtaaaag	agaggggatc	ctcggaacca	tcgccggtga	tgacaccatt	360
tttaccacc	cgcaaatgg	tttctcggtg	aaagacctct	acgaagcgat	tctggtcctg	420
ttcgaacagg	agctgttaa					438

<210> 2414
 <211> 270
 <212> DNA
 <213> Enterobacter cloacae

<400> 2414
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 actgtttctg ttggtgccat cggtagctct ccgatggaca tgcacgaaat gctgaacaaa 180
 aaagcggaag aacagggtgc gtcattctat cgcattcatc aagcgcgcag tggcgaccac 240
 tggcagccta ccgcagaact gtacaaaataa 270

<210> 2415
 <211> 537
 <212> DNA
 <213> Enterobacter cloacae

<400> 2415
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 tccatcgata ccttttttcat ggtctctgcg gaattgcgaa ccagcggttt cccgacggcg 180
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 ggcgtgatag cagcaaccac cccgacaggt tcacgagtgg ccagaatacg ggagccaggt 480
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<210> 2416
 <211> 930
 <212> DNA
 <213> Enterobacter cloacae

<400> 2416
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 ctggaagatg agcttcagggt gaagctgctc aaccgcagca cccgcagcat cgggctgacg 180
 gaagcgggta aaatttacta tcagggtcgc cgtcgaatgc tgcataagat gcaggacgtt 240
 cacgagcaac tctatgcctt taacaacacg cctatcgga cgtgcgtat cgggtgttct 300
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 ggtttaaccg ttaatctggt tacgggcatt ccggcaccgg acctgattgc cgatgggtta 420
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<210> 2417
 <211> 1731
 <212> DNA
 <213> Enterobacter cloacae

<400> 2417
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 agccgctgct tttgcagcga gcgacatgtt cgcaccctgc tgcgccaggc gcaggaggcg 180

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<210> 2418

<211> 699

<212> DNA

<213> Enterobacter cloacae

<400> 2418

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<210> 2419

<211> 1107

<212> DNA

<213> Enterobacter cloacae

<400> 2419

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aataataaca	ttgCGGacag	cattttccgc	cagatgaccc	acgagccgca	tcctcttccc	600
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<210> 2420

<211> 1566

<212> DNA

<213> Enterobacter cloacae

<400> 2420

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<210> 2421

<211> 1539

<212> DNA

<213> Enterobacter cloacae

<400> 2421

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<210> 2422

<211> 330

<212> DNA

<213> Enterobacter cloacae

<400> 2422

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cagcgccagc	gtcaggcatt	actctcagaa	ggggtgcagg	tgtccggggc	aggacagatt	300
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<210> 2423

<211> 942

<212> DNA

<213> Enterobacter cloacae

<400> 2423

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<211> 504

<212> DNA

<213> Enterobacter cloacae

<400> 2424

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<211> 363

<212> DNA

<213> Enterobacter cloacae

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caactctatc	tgcaaattgc	actggatgaa	atttacgagg	accaggggat	cccagcctat	180
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<210> 2426

<211> 621

<212> DNA

<213> Enterobacter cloacae

<400> 2426

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aaaatagaat	gtaaggagaa	taattttctc	ttcgaggtgg	ctatgttaga	taaaattgac	180
cgtaagctgc	tttctttgct	gcaaagcgac	tgtacctctc	ctttgcaggc	gctggcagat	240
gccgttaatc	tgaccaccac	accgtgctgg	aagcgctca	agaagctgga	agatgatggc	300
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<211> 1785

<212> DNA

<213> Enterobacter cloacae

<400> 2427

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<210> 2428

<211> 582

<212> DNA

<213> Enterobacter cloacae

<400> 2428

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<210> 2429

<211> 1122

<212> DNA

<213> Enterobacter cloacae

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<210> 2430

<211> 2034

<212> DNA

<213> Enterobacter cloacae

<400> 2430

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<210> 2431

<211> 2046

<212> DNA

<213> *Enterobacter cloacae*

<400> 2431

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<211> 1338

<212> DNA

<213> *Enterobacter cloacae*

<400> 2432

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<210> 2433

<211> 678

<212> DNA

<213> Enterobacter cloacae

<400> 2433

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<210> 2434

<211> 3111

<212> DNA

<213> Enterobacter cloacae

<220>

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<210> 2435

<211> 522

<212> DNA

<213> *Enterobacter cloacae*

<400> 2435

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attgccgatt	tgcatatcca	tccggtgaaa	cgcattgagg	aagttctgac	tctcgcaactg	480
caaaatgaac	cgtccggaat	gcaggttgta	accgcaaaat	ag		522

<210> 2436
 <211> 360
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2436
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<210> 2437
 <211> 501
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2437
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<210> 2438
 <211> 381
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2438
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 aagagccaga aagcggatgt gatgctggca atagattact ggaaagatca tcaaaaggat 360
 aaactccatg agcaaaagt a 381

<210> 2439
 <211> 843
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2439
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 gagcgtgaag ttaccctgac gtttgctact ggtcgtcatg tgctggagat gcgccatctg 180
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<210> 2440

<211> 375

<212> DNA

<213> Enterobacter cloacae

<400> 2440

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<210> 2441

<211> 1119

<212> DNA

<213> Enterobacter cloacae

<400> 2441

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gaaatccagg	cgcgtcagct	ttatcacgac	cgcgagaag	tgacggtgca	tatccgtcgc	1080
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<210> 2442

<211> 462

<212> DNA

<213> Enterobacter cloacae

<400> 2442

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<210> 2443

<211> 1383

<212> DNA

<213> *Enterobacter cloacae*

<400> 2443

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<210> 2444

<211> 1350

<212> DNA

<213> *Enterobacter cloacae*

<400> 2444

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<210> 2445

<211> 1653

<212> DNA

<213> *Enterobacter cloacae*

<400> 2445

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<210> 2446

<211> 1350

<212> DNA

<213> *Enterobacter cloacae*

<220>

<221> unsure

<222> (1261)

<400> 2446

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<210> 2447

<211> 1389

<212> DNA

<213> Enterobacter cloacae

<400> 2447

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<210> 2448

<211> 1566

<212> DNA

<213> Enterobacter cloacae

<400> 2448

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<210> 2449

<211> 2280

<212> DNA

<213> Enterobacter cloacae

<400> 2449

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<210> 2450

<211> 1371

<212> DNA

<213> Enterobacter cloacae

<400> 2450

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<210> 2451

<211> 936

<212> DNA

<213> Enterobacter cloacae

<400> 2451

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tgccatttta	acgatgtact	ggtcagcaag	aatgcatttt	atctggtttg	tcatgacagt	840
caggcagaac	tgggtaaaat	agccgctttc	cggcagtgga	tactggcgaa	agcggcaagc	900
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<210> 2452

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 2452

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ttaagcaaat	ctctgggcgt	tgtggagatg	gggtggatcc	agaccggcct	tgaatatcag	180
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tggttttact	ggagcagcgt	ctatctggcg	gtgggtacag	tactgttcag	cggcatctct	300
tactgtctgg	cgctgtcgca	tttacgcctg	tggcggtttg	ttacacctgt	cggcggcgtc	360
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<210> 2453
 <211> 606
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2453
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 attatcgctt cgcaggatga ttacgttatc tggcaaccga aaccgttcat gggcgagcag 240
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<210> 2454
 <211> 792
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2454
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 accgtgcgcg atcaaatcgg tcagcacgtt tttactgccc atcgtctcga tcggccaacc 180
 tctggtgttc tgctgatggg gctttccagt gaggccgggc gcctgctggc gcagcagttt 240
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 ccggtggcga ccagcaaat tccgaccacg cgatacagtc tgggtggagct tttgccc aaa 480
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 caagcgcaat aa 792

<210> 2455
 <211> 465
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2455
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 tcttacgcca atttctgcgg cggcggtaaa cagttcgacg cgctgttgca ggaacagagc 360
 gctcagcgcg tcggagagat gttgctgatt gatcggggtg aacaccctga gccagaaagc 420
 gagtcaaate cctgggttga acactgggcc acgctcctga actaa 465

<210> 2456
 <211> 1155
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2456

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accaatgacg	gtggcgcagg	catggtgcag	gcgctgggcg	taaaactgct	ggatgcgaaa	480
gcgcagcccc	ttgggcccgg	cggcggcgaa	ctggcaagcc	ttgcgcata	cgatccttagc	540
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gcgcaacaga	atgtacagat	ggccgcaagg	aatattgcgg	cggtgataaa	gatggggcag	1140
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<210> 2457

<211> 834

<212> DNA

<213> Enterobacter cloacae

<400> 2457

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cagactttcg	ccaccatttc	gccttacacg	ctggaagaga	cctacgaagt	gctggacgcc	180
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gctatcagcg	acaagctgga	gcgtcgtcat	ccgcatactt	ttggtgatgc	ctccgcaggc	360
aacagtgcgg	aagtgcctgg	gcgctgggag	cagataaaaa	gcgctgaacg	cgctgaaaaa	420
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<210> 2458

<211> 1374

<212> DNA

<213> Enterobacter cloacae

<400> 2458

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tcacttgccg	tactgaactc	cggaagcctg	accgacaaca	gtaaagagct	gctgtcccgc	180
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<210> 2459

<211> 1371

<212> DNA

<213> Enterobacter cloacae

<400> 2459

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tcccgaagcg	gttggcgcaa	aacggatacc	atgtggatgc	ttggccctgta	cggcacagca	180
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<210> 2460

<211> 774

<212> DNA

<213> Enterobacter cloacae

<400> 2460

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cagcttatcc	gccacagtga	accaccccat	gcggtcgcgg	tttttgatga	cgaagccgcg	180
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<210> 2461
 <211> 834
 <212> DNA
 <213> Enterobacter cloacae

<400> 2461
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 gttggcgatg tgcgtgctgt tgaactgcta accacttccc ttattgcagt agacagccat 780
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<210> 2462
 <211> 846
 <212> DNA
 <213> Enterobacter cloacae

<400> 2462
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<210> 2463
 <211> 1299
 <212> DNA
 <213> Enterobacter cloacae

<400> 2463
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<210> 2464

<211> 1398

<212> DNA

<213> Enterobacter cloacae

<400> 2464

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<210> 2465

<211> 2769

<212> DNA

<213> Enterobacter cloacae

<400> 2465

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<210> 2466

<211> 1383

<212> DNA

<213> Enterobacter cloacae

<400> 2466

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<210> 2467

<211> 501

<212> DNA

<213> Enterobacter cloacae

<400> 2467

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<210> 2468

<211> 822

<212> DNA

<213> Enterobacter cloacae

<220>

<221> unsure

<222> (725)

<220>

<221> unsure

<222> (729)

<220>

<221> unsure

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<221> unsure

<222> (794)

<400> 2468

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<210> 2469

<211> 222

<212> DNA

<213> Enterobacter cloacae

<400> 2469

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aaactgcgcg	atcacatgcg	cctgctgacg	gaaaagctga	aggccacgca	gccgtcaaac	180
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<210> 2470

<211> 654

<212> DNA

<213> Enterobacter cloacae

<400> 2470

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<210> 2471

<211> 222

<212> DNA

<213> Enterobacter cloacae

<400> 2471

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<210> 2472

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 2472

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cagcttaact	tacgggcggc	cgaggtagaa	ggcgacagct	ttcaccgcta	cacgcgcccc	180
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<210> 2473

<211> 639

<212> DNA

<213> Enterobacter cloacae

<400> 2473

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<210> 2474

<211> 2145

<212> DNA

<213> Enterobacter cloacae

<400> 2474

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<210> 2475

<211> 1938

<212> DNA

<213> Enterobacter cloacae

<400> 2475

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<210> 2476

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 2476

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tgtcaggagg	tgatgcagg	gatggagcgc	gggctggaa	agtgcgcgaa	gatcgccggt	300
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<210> 2477

<211> 1050

<212> DNA

<213> Enterobacter cloacae

<400> 2477

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<210> 2478

<211> 318

<212> DNA

<213> Enterobacter cloacae

<400> 2478

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aactgcatga	gacggtcaat	atcatgcccc	gcaacgcgtt	tcattggtga	tctttacact	180
tttccagtca	gggagttgct	atgtctgcc	gacatccggt	tattgccgtt	acgggttcga	240
gtggggcggg	aaccactacc	accagcctcg	ccttcgcaa	gatcttcgcc	cagcttaact	300
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<210> 2479

<211> 573

<212> DNA

<213> Enterobacter cloacae

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<221> unsure

<222> (32)

<220>

<221> unsure

<222> (33)

<220>
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<400> 2479
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 gagctggagc tggatagcca gaaagcccct gtttcggtga aaaacttcct cgactacgtg 180
 aacagtgggtt tttataacaa caccacattc caccgcgtga tcccgggctt tatgattcag 240
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 cagcgcgact ttggctacgc ggtggttggc aaagtggga aaggcatgga cgtggcggat 480
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 gtcgtcattc tctccgcgaa agtgctgccg taa 573

<210> 2480
 <211> 690
 <212> DNA
 <213> Enterobacter cloacae

<400> 2480
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 gacaagcaaa aatcccgtct ctgggagcaa caacgtagt tcaattttca ggccagctgc 180
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 tccgcaccgg gtttacccea tctgtgtctt attcaccgcc atttattccg caacgaaatg 300
 aaaggcgcgg gcgagctgcg caccgccgaa atttccaagg gcgacattcc tttttgccat 360
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 gttgtgagcg aagcgcggga atctgcgtaa 690

<210> 2481
 <211> 594
 <212> DNA
 <213> Enterobacter cloacae

<400> 2481

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cccggggcgt	gtaccccgct	ggagtccggc	atctcgctgg	cggtaatcca	acactatgcg	240
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gccaccattg	tccgtgccgc	gaaagtcatg	catggcaaaa	cctcaccgat	cacacacacc	360
ggtaccggcg	cattcctggg	gctaaacaat	ccgttaaccg	tgacgcgcta	ccattctctg	420
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gagatcatgg	gcattcgcca	ccgcgagtac	gatctggaag	gtgtgcagtt	ccaccgggaa	540
agcattctca	gcgaacaggg	gcacgcgctg	ctggccaatt	tccttaatcg	ctga	594

<210> 2482

<211> 1266

<212> DNA

<213> Enterobacter cloacae

<400> 2482

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tttatcccg	tgaaagggag	aggcagccgc	gtctgggac	agcagggcaa	cgagtatgtt	180
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<210> 2483

<211> 411

<212> DNA

<213> Enterobacter cloacae

<400> 2483

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gcggcggctc	cgcgtgcgg	tgacctgtct	gcggagaaat	actgctctgt	ggcgttaatg	360
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<210> 2484

<211> 885

<212> DNA

<213> Enterobacter cloacae

<400> 2484

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<210> 2485

<211> 309

<212> DNA

<213> Enterobacter cloacae

<400> 2485

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<210> 2486

<211> 828

<212> DNA

<213> Enterobacter cloacae

<400> 2486

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caggccatca	gtgacgctcg	tcaggacacc	acgttgaaaa	accgtctggg	tgttgacaac	780
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<210> 2487

<211> 963

<212> DNA

<213> Enterobacter cloacae

<400> 2487

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taa											963

<210> 2488

<211> 1950

<212> DNA

<213> Enterobacter cloacae

<400> 2488

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<210> 2489

<211> 1671

<212> DNA

<213> Enterobacter cloacae

<400> 2489

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<210> 2490

<211> 837

<212> DNA

<213> Enterobacter cloacae

<400> 2490

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<210> 2491

<211> 1059

<212> DNA

<213> Enterobacter cloacae

<400> 2491

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<210> 2492

<211> 792

<212> DNA

<213> Enterobacter cloacae

<400> 2492

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<210> 2493

<211> 597

<212> DNA

<213> Enterobacter cloacae

<400> 2493

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<210> 2494

<211> 564

<212> DNA

<213> Enterobacter cloacae

<400> 2494

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<210> 2495

<211> 198

<212> DNA

<213> Enterobacter cloacae

<400> 2495

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catccggact	ctgggggttg	aatcgaaattc	ttaccatac	ctgggaagtc	ggctgtcgta	180
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<210> 2496

<211> 696

<212> DNA

<213> Enterobacter cloacae

<400> 2496

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<210> 2497

<211> 672

<212> DNA

<213> Enterobacter cloacae

<400> 2497

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<210> 2498

<211> 423

<212> DNA

<213> Enterobacter cloacae

<400> 2498

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<210> 2499

<211> 1713

<212> DNA

<213> Enterobacter cloacae

<400> 2499

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cgtctcagca	aagatgaaca	gatgcagcag	cgtcgtgcta	accagcgcat	gggcgcagag	1620
gtgatgagcc	agcgcattcg	cgaaatgtca	gataacgatc	cgcgcgtcgt	cgcgctggtc	1680
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<210> 2500

<211> 1215

<212> DNA

<213> Enterobacter cloacae

<400> 2500

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accactggca	aaggcaaaga	tgtctcgctg	acgctggccg	atctaaaagc	ggcgggaagc	180
aagctgtcga	cagcggcaca	ggaaaaaac	ggtgatacca	cgctccaggc	caaaatcgcc	240
gagctgctct	cccgccagga	gacgctgacc	ggtgaagata	ccgccgtctc	cctgcaaagc	300
ctcgtctccg	gcctgaaacc	cgccgcgaat	acggatgcgc	tgaaggcgct	aaccagcccg	360
gaggcgaaaa	caaacagcga	gaccacgact	gaagaagagg	agctggccgg	gttaagcgcg	420
ctgatggcga	tgttaccgca	ccagcagacc	accaccccg	tagcgacgca	gcctgcgagc	480
accggggaga	tcgcccccg	tgcgcgccctc	ccctctgcgc	tagcccagac	ggataacggc	540
cagcatcagc	cgcttagcca	tgcgttaacg	ggtcaggaaa	aaatgccggt	tcaggacagc	600
gacacctcgc	tgccccccac	ggcagccggt	acgccagccg	tcgccgccgt	cgcggagaag	660

caggacgtag	cgagcgcggc	gtcgcctgcc	gccagcccaa	ccgcgacgct	tgccccgatc	720
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tccgggcagc	aacagcacgc	ttcgcgttcc	ggccagcatg	gcgggtttta	cgatgagagt	1140
gaagagttaa	tgcttgcccc	tgccgcccctg	caatccgccc	cacgcggcag	ccgtgccgta	1200
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<210> 2501

<211> 441

<212> DNA

<213> Enterobacter cloacae

<400> 2501

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ctccagggtga	gcggcgcgct	gttcgggtatt	attgccttta	tccttatcgc	cgcctggctg	180
gcaaagcggt	tcggtctggc	ggggaaaacg	gccggtaccc	gcgggttgaa	ggtcagcgcc	240
agcaccggc	taggaccggc	cgaacgcgtg	gtcattgtgg	aggtggaaga	tgcgcgactg	300
gtgctggggc	tgaccgcctc	cagcattaac	gttcttcaca	ccctgcccc	tgcgccctgc	360
acggtggagg	ctaacgcccc	ggccccctgcg	gatttccagt	ccgttatgaa	gagtttgctc	420
aagcgtcccc	ggagatcctg	a				441

<210> 2502

<211> 387

<212> DNA

<213> Enterobacter cloacae

<400> 2502

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gctggcagct	gctggtcagc	tcgctggcgc	agagtttcta	cagttgagga	gcgcgcaatg	120
acgcctgagt	cggtcatgat	gatgggcacg	gaggcgatga	aagtcgcgat	tgccgtcgcc	180
gcgccccctgc	tgctggttgc	gctagtcacc	ggtctgatta	tcagtattct	ccaggccggc	240
acgcagatta	acgaaatgac	cctgtcgttc	atcccgaaga	tcattgccgt	cttcgtggcg	300
attatcggtg	ccggggccatg	gatgctcaat	ttgctgctgg	actatatgcg	caacctgttc	360
accaatctgc	cttacatcat	cggctga				387

<210> 2503

<211> 792

<212> DNA

<213> Enterobacter cloacae

<400> 2503

cggacgatgc	tgcatttcac	cagcgatcag	tttgttcagt	ggctcgggat	ctatcttctg	60
ccgatgctgc	gcatcatggc	gctgatctcc	accgccccca	tactcagtga	aaagtcggtg	120
cctaaacgcg	tcaaaattgg	gctggggcatg	gttatcacga	ttatcgttgc	cccttccctg	180
ccggcggtgg	atatcccgat	cttttccccg	aatgcgatct	ggattgccct	gcaacagggtg	240
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ggtgaactta	tcggtttgca	aatgggcctg	tctttcgcga	cgttcgttga	cccgggcagc	360
cacctgaata	tgcccgtgct	ggcacgtatt	atcgacctgc	tggcgatgct	gttgtttctc	420
tcgttcaacg	gccacctgtg	gctcatctcg	atgctggtgg	acaccttcca	cacgctgccg	480
attggcgaca	acccggtaaa	cagcaacgcg	tttctggcgc	tggtgagggc	tgccgggctg	540
atcttcctca	acgggctgat	gctggcgctg	ccgatcatta	ccctgctgct	caccgttaac	600
ctcgcattag	gtttactcaa	ccgaatggct	ccgcagctgt	cggtattcgt	catcggtctt	660
ccggtgacgt	tgacggttgg	ccctttatta	atgtcattat	tgatgccact	tatcgcccc	720
ttctgcgaac	atctattcag	tgagatatct	aatctgtagg	cggatattgt	tagcgaactt	780
ccacgcaaat	aa					792

<210> 2504
 <211> 633
 <212> DNA
 <213> Enterobacter cloacae

<400> 2504
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 gggtagcttag caagcagagg ggtagaaaag agagacatca acgatgcaca caccgttgaa 120
 gaactcgcag ccgcttgtga cgcacacaag cccggcggtg tgtttattaa tgaggactgt 180
 ttcattcacg accccgctaa cagtcagcac attaaacaga tcattaatca gcatcctaag 240
 accctgttta ttgtttttat ggcatcgcc aatattcatt tcgatgagta tttgttgggtg 300
 cgtaaaaact tattaatcag ctcgaaatcg attaaaccag agtcacttga tgacattctg 360
 ggcgattatt tgaataaaga agttaagaat gtaggggcga ttaacttacc caccctatca 420
 ttaagcagaa ctgaatcaag tatgctaaga atgtggatgg ctggacaagg gacaattcag 480
 atctcagacc agatgaatat caaggcaaaa acagtatcgt cacacaaagg aaatattaaa 540
 aggaaaatta aaacgcataa taagcaagtg atataccatg tcgtacgcct gacagataat 600
 gtgacgaatg ggattttcgt taatatgcgc taa 633

<210> 2505
 <211> 927
 <212> DNA
 <213> Enterobacter cloacae

<400> 2505
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 aacggcgctt caatgcctat tttttttaag atttttctta ggaaaaatca tcatccggga 120
 gacattatgc cttcgcttga ggagactctt cttgtcttta ccgacctcga cggcacgctg 180
 ttggattttc acacccttga ctggcagcct gcggccccgt ggctggaaaa attaatggat 240
 gaacagatac cggtcattct gtgcagcagc aaaaccgcgt ccgagatgga tgacatccag 300
 caggaaactgg ggcttggcgg gctgccctac attgcggaaa acggcgcggt gatccagcct 360
 gacgtacggt gggaaaaacgc cgcacggttc atctcagaaa agaagcatga cagatccgg 420
 cagtgtattg cccgggtacg ccaggagatg catctgaaat tcaccacctt cgatgatgtg 480
 gacgagcacg tagtcgccga atggaccggg ctgagtcgtc cccgttcggt gcttgcgcgc 540
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 ctggacagcg taggcttcgc cgtggtggtg aaaggcttca accgggaggg catcagcctt 840
 ataaacaacg atccagcccg ggtttatcac actcagcaca cggggccgac cggctggtgc 900
 gagggacttg attacttttt gaggtga 927

<210> 2506
 <211> 1422
 <212> DNA
 <213> Enterobacter cloacae

<400> 2506
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 attctggaca gtctgaccgc tgcacaaaaa gcacagctga cgcgatctc taagcagcaa 120
 acttcctata cagcaaaact tagtgacctac ggcagctga aaagtgcatt ggaatccttc 180
 cagacggcaa atactgcaact tagcaaaagcc gatctgttta cagcgactac caccgccagc 240
 agcagcacag ccttcagtgc cacaaccagc ggcagcgca ttgcgggtaa atacaccatt 300
 aacgtatcgc agcttgcgca ggcgcaaacc ctgacaacag ctaaaacgca aagtgataat 360
 aaaacggcga ttgcgacagc ggacagcacc atcaccattc agcaagggtg tgacaagaaa 420
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 aacaaagcgg atgctggcgt aagtgccagt attattaacg tcggtaatgg tgagtatcgt 540
 ctgtccatta cgtcgaaaga taccggtaaa gacaatgcca tgactattag tgtcagcggc 600
 gatacggcac ttcagtcctt catgggctac aacggtaata gcgcagatac cgctaacggc 660
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 acaaccggta atcagacctt aacgatcact accgataaca ctaaagcgac caaagcgata 840

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agtacgctac	gcactattca	gactcagttg	agaagcgtgc	tgaataaccc	tcacaccagt	1020
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gaagtggatg	atgacaagct	tagcgcgga	atgaaaaaca	gcgcggtg	tatcaaagac	1140
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aacaatttaa	ctaagcaata	taacgcggcc	agcgagcgta	tcgacaccat	ggtagcgcg	1320
tataaagaac	agtttacgca	attagacgtc	atgatgaact	cgctgaactc	taccagcagt	1380
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<210> 2507

<211> 438

<212> DNA

<213> Enterobacter cloacae

<400> 2507

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tttgatggag	ccctcagcgc	gctggtacgc	gcgctctgt	tccttgca	cggtaatatc	180
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atggtacgtc	gcctcctgca	cgccaacgtg	aataacgacg	ccagcgccat	cgaagaggtg	360
gaaaacctgc	tgcgcaatat	cgctgacggg	tggaaggagg	ttgccgggtac	gccacaactg	420
atgcaggacg	ccgtctaa					438

<210> 2508

<211> 1077

<212> DNA

<213> Enterobacter cloacae

<400> 2508

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ctgatgacca	ttggggaaga	tcgcgcggcg	gaggtgttta	aacacctctc	ccagcgagaa	180
gtgcagatcc	tcagcgcggc	gatggccaac	gtgcgccaga	tctctaaca	gcagctgacc	240
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gagccgcaaa	gcgctgccga	tcttattcgc	gacgagcacc	cgagattat	cgccaccatt	480
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ggcccggtac	gtctgtctca	ggtggaaaac	gaacagaaaag	cgatcctgct	tattgttcgt	1020
cgactggccg	aaaccggcga	gatggtgatt	ggcagcgag	acgacaccta	tgtctga	1077

<210> 2509

<211> 1443

<212> DNA

<213> Enterobacter cloacae

<400> 2509

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gggagtcgtc	tgatgaccgc	tcgccttacg	cgctggctta	acacgcttga	taattttgaa	120
acgaagatgg	cgcagctgcc	atccgttcgt	cgttatggac	gcctgacgcg	cgccaccggt	180
ctggttcttg	aagccacggg	gctgcaactt	ccgctcggcg	ccacctgcgt	gattgagcgg	240

caggacgggg	gggagacgcg	tgaagtggaa	agcgaagtgg	tcgggttcaa	cggtcagcgc	300
ctgtttctga	tgccccttga	agaagtggaa	gggattttgc	ccggcgcccg	cgtctacgcg	360
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cacgtactgg	ataccggcgt	gcggccgatt	aacgccctgc	tcaccgtggg	acgcggccag	600
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taa						1443

<210> 2510

<211> 465

<212> DNA

<213> Enterobacter cloacae

<400> 2510

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caggctgaag	aacagttgaa	gatgttaatc	gactatcagc	atgaatatcg	caccaacctt	180
aacaccgaca	tgacgcaggg	cattggtagc	cagcgctgga	ttaactatca	gcagtttctc	240
cagacgctgg	aaaaggcgat	tgagcagcat	cgccagcagc	ttaaccagtg	gacgcaaaaa	300
gtcgataacc	cgctgaattt	ctggcgcgag	aaaaaacagc	ggttgcaggc	ctggcaaac	360
ctacaggacc	ggcagattgc	agcctcgacc	ctggcggaag	accgtctgga	tcagaaaaaa	420
atggatgagt	ttgcccagcg	cgcataaatg	aggaaacctg	aatga		465

<210> 2511

<211> 528

<212> DNA

<213> Enterobacter cloacae

<400> 2511

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acagactccg	ctatcaccaa	aaaaagcaag	cgttccatct	ggatcccgtc	gctggtgttg	120
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cgtctgctgc	tgctgttttc	tcgtcaggat	gcctccgcgc	tcgccaccga	tgtgggcaag	420
caaaagctgg	tcgatgccat	caaacagacg	ctggcgaccc	cgctggtaaa	cggccaaacct	480
aagcaggaag	tactgacgt	tctgtatata	gccttcattc	tgcggtaa		528

<210> 2512

<211> 426

<212> DNA

<213> Enterobacter cloacae

<400> 2512

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gatctgtggg	ctgacgcgtt	aaacgagcag	aaaacgacgc	cgacgaaaag	cgcggcagac	120

gcggtctttc	agcagttagg	cggcggcgac	gtcagcggca	cggtgcagga	catcgacctg	180
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gagctgctgc	gcctgacgca	gggttccgtg	gtggcgcttg	acggtttagc	gggtgagccg	300
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aaatacggcg	tacgtatcac	cgacatcatt	acccttccg	aacgtatgcg	tcgtctgagc	420
cggttaa						426

<210> 2513

<211> 1560

<212> DNA

<213> Enterobacter cloacae

<400> 2513

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ggcgggtgaac	tgtggcgaga	agtcacggca	ttagccccc	atctgaacga	aatcggcatc	180
aatatggtct	ggttaccgcc	ggcctacaaa	ggggcatccg	gcggctattc	cgctcgggtat	240
gactcttatg	accttttcga	cctcgggtgag	tttgaccaga	aaggcagcgt	cgccacccaaa	300
tacggcgata	aagcccagtt	gctggaggcc	atcaacgcct	taaaaagtaa	ccagattgcg	360
gtgcttctgg	acgtgggtgt	caaccacaaa	atggggggccg	atgagaagga	acccgtccgc	420
gtgcagcgcg	tggatgcgca	ggatcgcacc	caaatacagcg	atgagatcat	cgaatgcgaa	480
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<210> 2514

<211> 729

<212> DNA

<213> Enterobacter cloacae

<400> 2514

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<210> 2515

<211> 1068

<212> DNA

<213> Enterobacter cloacae

<400> 2515

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<210> 2516

<211> 804

<212> DNA

<213> Enterobacter cloacae

<400> 2516

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<210> 2517

<211> 258

<212> DNA

<213> Enterobacter cloacae

<400> 2517

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gagtcggaag	ttcatcgcgc	ggaggataat	tcagaccgtg	tcgtgggtcaa	tggtcgggat	180
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<210> 2518

<211> 348

<212> DNA

<213> Enterobacter cloacae

<400> 2518
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 aatttgttct acactggctc aaaaccacag gaggaatgta tgaagggtcaa cgatcgggta 180
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 aatgaaggca caatgtatct ggtgtcgtg gaagattacc cgctcggcat ctggttcttc 300
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<210> 2519
 <211> 309
 <212> DNA
 <213> Enterobacter cloacae

<400> 2519
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 tgctcgattg gcgtgcgttg cagcgggttg aaggggtggg tgatcagcgc gccggtttcg 180
 gtggtatcag gggagggcag gccatcgagc ggtttgccgc ttccgtccag gacgcggccc 240
 agcagcgccg gaccgagcgg gagctgtttg ccgctttgca ggccgtcacc gctaattgtt 300
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<210> 2520
 <211> 336
 <212> DNA
 <213> Enterobacter cloacae

<400> 2520
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 tcggcatacc aggaagtgat ggggatgcag gtttaa 336

<210> 2521
 <211> 489
 <212> DNA
 <213> Enterobacter cloacae

<400> 2521
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 tgcgttcagg tcgaaaacta tcaggaagtg gttaagcatc cggcaccttc gcaactggca 180
 ggttactggc agtcgaaagg tccgcagagc gcgatggtga gcccggaagc gatcgccacg 240
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 cttccgtaa 489

<210> 2522
 <211> 810
 <212> DNA
 <213> Enterobacter cloacae

<400> 2522
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ggcgccgtgc	tggaggtggg	cgagtcacgg	gtgagccagc	tgcacagcca	ggccattaaa	780
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<210> 2523

<211> 567

<212> DNA

<213> Enterobacter cloacae

<400> 2523

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<210> 2524

<211> 1059

<212> DNA

<213> Enterobacter cloacae

<400> 2524

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<210> 2525

<211> 690

<212> DNA

<213> Enterobacter cloacae

<400> 2525

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<210> 2526

<211> 509

<212> DNA

<213> Enterobacter cloacae

<400> 2526

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<210> 2527

<211> 1728

<212> DNA

<213> Enterobacter cloacae

<400> 2527

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1728

<210> 2528

<211> 855

<212> DNA

<213> Enterobacter cloacae

<400> 2528

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<210> 2529

<211> 759

<212> DNA

<213> Enterobacter cloacae

<400> 2529

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<210> 2530

<211> 444

<212> DNA

<213> Enterobacter cloacae

<400> 2530

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<210> 2531

<211> 933

<212> DNA

<213> Enterobacter cloacae

<400> 2531

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<210> 2532

<211> 1167

<212> DNA

<213> Enterobacter cloacae

<400> 2532

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<210> 2533

<211> 1380

<212> DNA

<213> Enterobacter cloacae

<400> 2533

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<210> 2534

<211> 3885

<212> DNA

<213> Enterobacter cloacae

<400> 2534

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<210> 2535

<211> 954

<212> DNA

<213> Enterobacter cloacae

<400> 2535

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<210> 2536

<211> 249

<212> DNA

<213> Enterobacter cloacae

<400> 2536

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249

<210> 2537

<211> 1521

<212> DNA

<213> Enterobacter cloacae

<400> 2537

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<210> 2538

<211> 2043

<212> DNA

<213> Enterobacter cloacae

<400> 2538

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<210> 2539

<211> 348

<212> DNA

<213> Enterobacter cloacae

<400> 2539

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<210> 2540

<211> 948

<212> DNA

<213> Enterobacter cloacae

<400> 2540

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cgacgggatg	aaggagtaat	catgcagaaa	ggtattgttg	taaccgacgt	gaccgtgacc	180
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<210> 2541

<211> 354

<212> DNA

<213> Enterobacter cloacae

<400> 2541

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gtatctcacc	ggcatccagc	tggcgcaggg	gtatctggga	cgccccgacc	ttaccgccag	300
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<210> 2542

<211> 1263

<212> DNA

<213> Enterobacter cloacae

<400> 2542

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<210> 2543

<211> 996

<212> DNA

<213> Enterobacter cloacae

<400> 2543

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<210> 2544

<211> 1320

<212> DNA

<213> Enterobacter cloacae

<400> 2544

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gccgatctct	gcgcccagcg	gctggtttacg	ccttatcaac	tgccgggtggg	cgtggtgacc	1260
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<210> 2545

<211> 663

<212> DNA

<213> Enterobacter cloacae

<400> 2545

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gatgccacgc	tggaagcaat	taatgaagtg	ggaatgcatg	acgcaaccat	cgcgcagatc	180
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gataaaaacc	tgcccagtc	gcttaccagc	cactttatca	gccagcattt	accgaccgac	660
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<210> 2546

<211> 1059

<212> DNA

<213> Enterobacter cloacae

<400> 2546

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<210> 2547

<211> 1593

<212> DNA

<213> Enterobacter cloacae

<400> 2547

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<210> 2548

<211> 720

<212> DNA

<213> Enterobacter cloacae

<400> 2548

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cgaatcgcg	ccatcaggga	cttcagcgga	tgtcgcgcgc	gctgcggcgg	cggtggcagg	660
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<210> 2549

<211> 978

<212> DNA

<213> *Enterobacter cloacae*

<400> 2549

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<210> 2550

<211> 327

<212> DNA

<213> *Enterobacter cloacae*

<400> 2550

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cttcaccctg	ctcgcgcagg	cgggcccga	tgccctgcgc	cagcgtgccg	ccgagggaa	180
agccgaacag	gtaatacggc	ccctgcggct	gctgcttacg	caacgtgttc	agatgatgtt	240
cgatcacccc	atcgagatcc	gcgcactgct	gcatcgggcc	gtttggccgc	ggcgactgaa	300
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<210> 2551

<211> 2265

<212> DNA

<213> *Enterobacter cloacae*

<400> 2551

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cagcacgaag	acaccatggg	gatcaactgc	gccgagcaga	atttgacagg	gccgggctg	180
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accacgggta	ataccacgac	gggtgcgtat	atgtacggcg	cgggtgcgta	tacgtataat	2220
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<210> 2552

<211> 762

<212> DNA

<213> Enterobacter cloacae

<400> 2552

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gaagggaaaa	ccatgcacac	caccacacgc	acattttctc	tcgctggcca	caccctccac	120
cgcatacctc	tcgacccccc	cacctttacg	gatgccgatc	tcctctggct	ccccaccac	180
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<210> 2553

<211> 1722

<212> DNA

<213> Enterobacter cloacae

<400> 2553

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gacttccgca	cccagatgcc	tgcgcactg	gccttcccgt	tgcagggcaa	gcgctacaac	240
tgggcgtatg	aaaccgagcc	agagcctttc	atgaacaacc	gccgcatgga	gtgcggacgg	300
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atgattggcg	aaaagattgc	cgacgccatt	cgcgggcgcg	agccgctggc	gaagagcacg	1680
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<210> 2554

<211> 435

<212> DNA

<213> Enterobacter cloacae

<400> 2554

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agcgatatgc	agggcgtgat	gaacaaaacc	aacggtttca	acctgaagta	ccgttacgag	180
caagacaaca	accgctggg	tgtgatcgg	tctttcactt	acaccgagaa	agatcgtact	240
gaaaatggct	cttacaataa	aggtcagtac	tacggcatca	ccgcgggtcc	tgcttaccgc	300
ctgaatgact	gggcaagcat	ctacgggtgt	gtagggtgtg	gctacggtaa	attccagcag	360
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<210> 2555

<211> 531

<212> DNA

<213> Enterobacter cloacae

<400> 2555

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cttgtggcgt	attacaatct	ggtcgggtctt	aagcctggca	aagaatcctt	tatgcggctg	180
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gcgctggaga	acgctatcga	tcacgataac	tatcttgagt	ttcagcaggc	gctttccgac	420
cttggcgaa	cgctggaaga	gcgattcacg	ctggaagaca	agctcatcgc	cctcgtgctg	480
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<210> 2556

<211> 1899

<212> DNA

<213> Enterobacter cloacae

<400> 2556

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<210> 2557

<211> 945

<212> DNA

<213> Enterobacter cloacae

<400> 2557

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<210> 2558

<211> 357

<212> DNA

<213> Enterobacter cloacae

<400> 2558

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atggcgcgaa	aaggcgactt	tgacgaagcc	gagaaaagca	tggaagagtc	gcgtgaatat	180
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ctgccgggtta	acctgatcac	cgttcattct	caggaccacc	tgatgaacgc	gatggtaatt	300
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<210> 2559
 <211> 237
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2559
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 ccgatgacgt gcgacgacga tcttaccgtt gccgccttgc tcgacacgct gcgccagctg 120
 aagccgggaa cggcgctggc gctcaatcaa cagatcctgc cgcgcgagcg gtgggaacat 180
 cagcaggtca atgaaggcga ccagatcctg ctgtttcagg ttatcgcagg gggctga 237

<210> 2560
 <211> 1800
 <212> DNA
 <213> *Enterobacter cloacae*

<400> 2560
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